

1000000 sec 91600

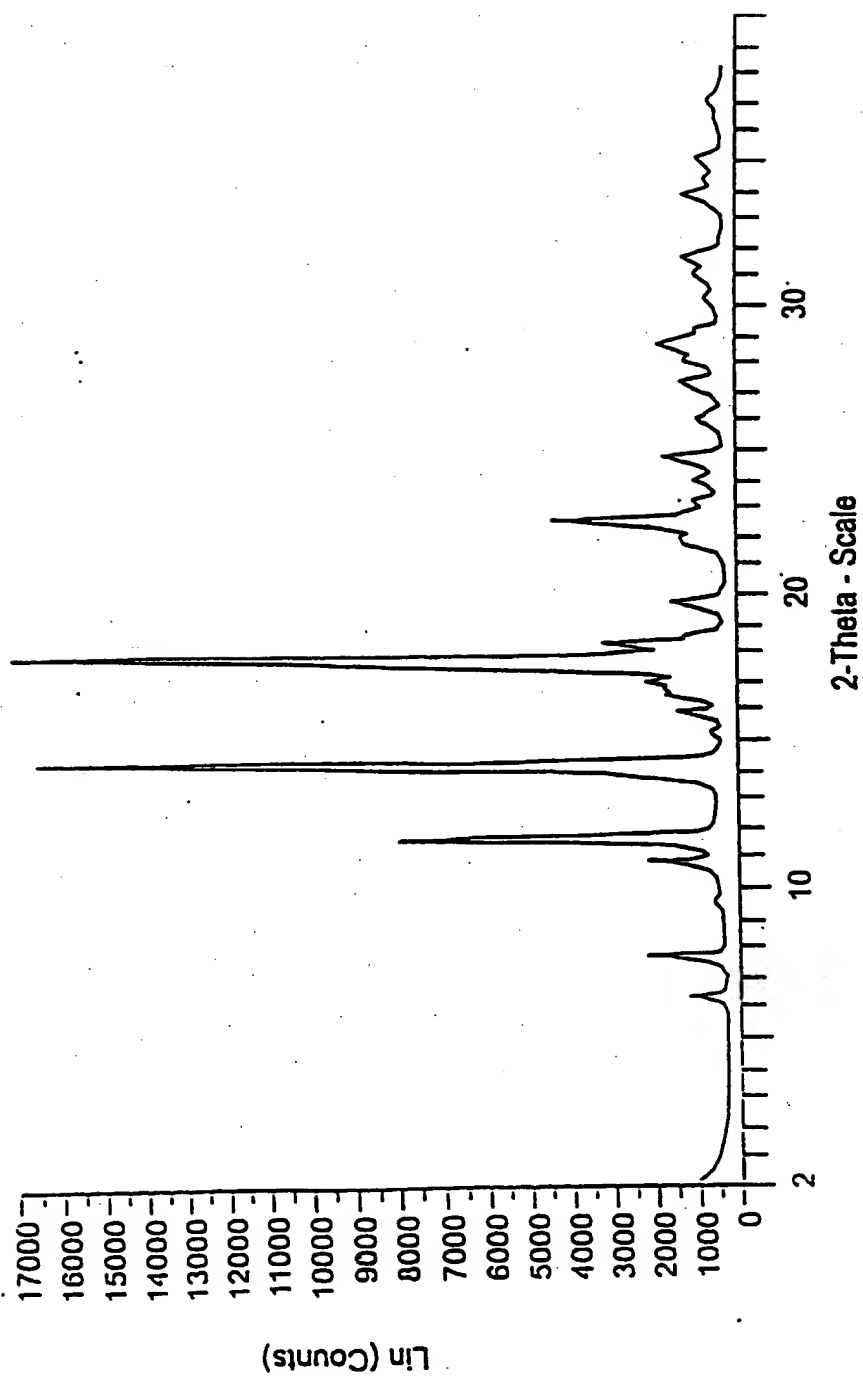


Fig. 1-A

10320" SET 3160

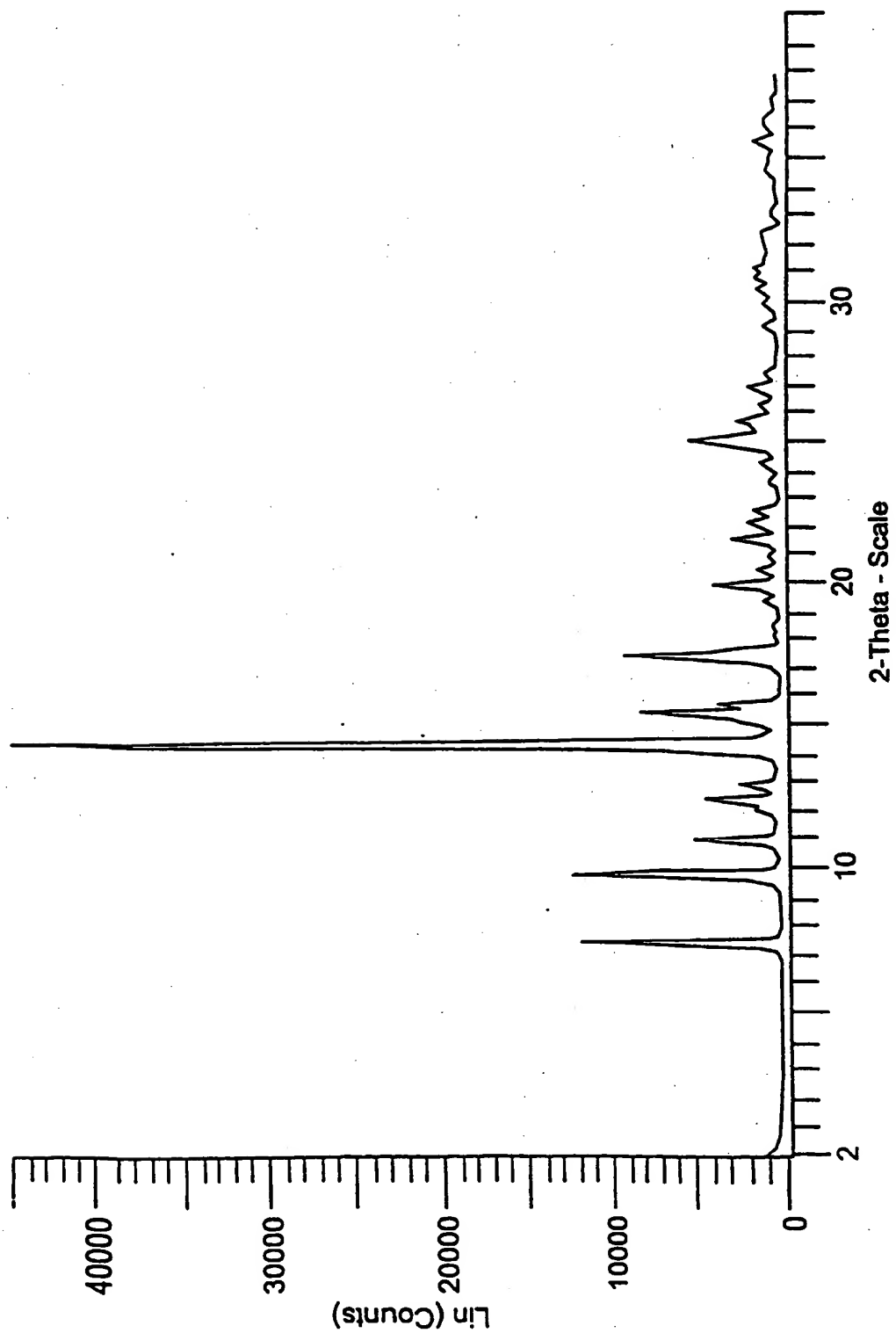


Fig. 1-B



105220" SET51660

Size: 0.6360 mg
Method: 10 DEG C/MIN AMB TO 300
Comment: SEALED PAN

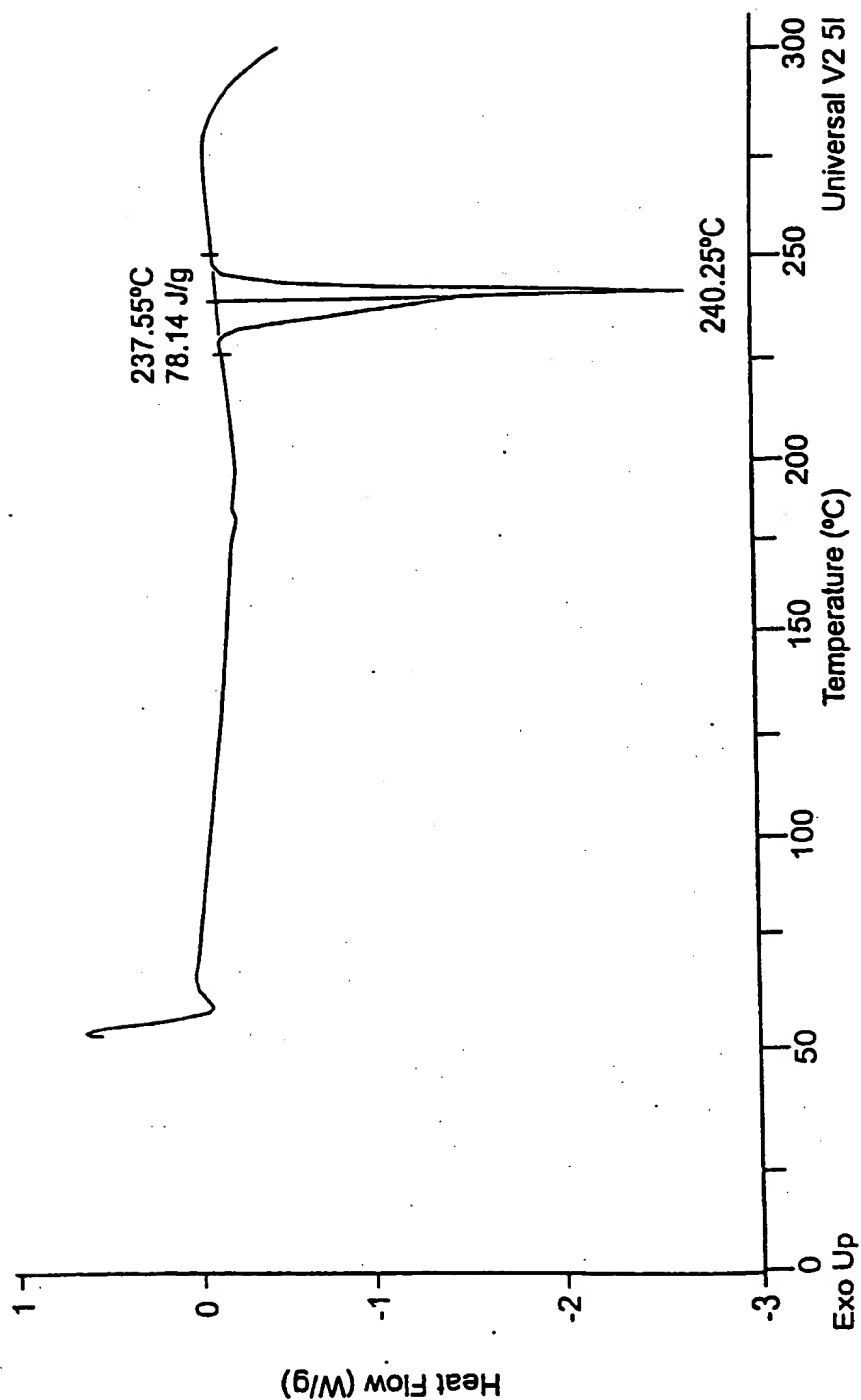


Fig. 2-A

FORM 900

Size: 1.7840 mg
Method: 10 DEG C/MIN AMB TO 300
Comment: SEALED PAN

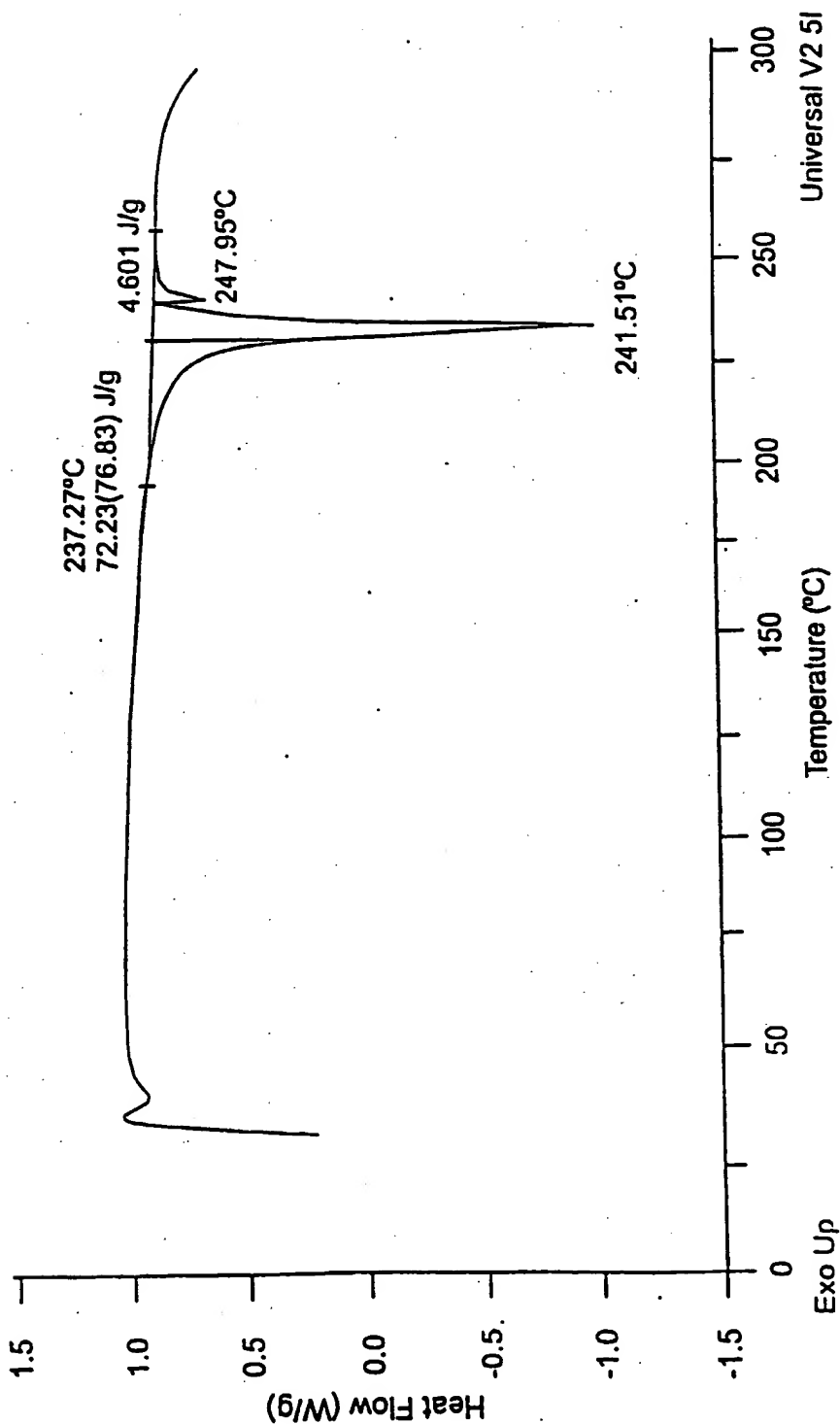


Fig. 2-B

Siz : 1.4230 mg
 M thod: 10 DEG C/MIN AMB TO 300
 Comment: SEALED PAN

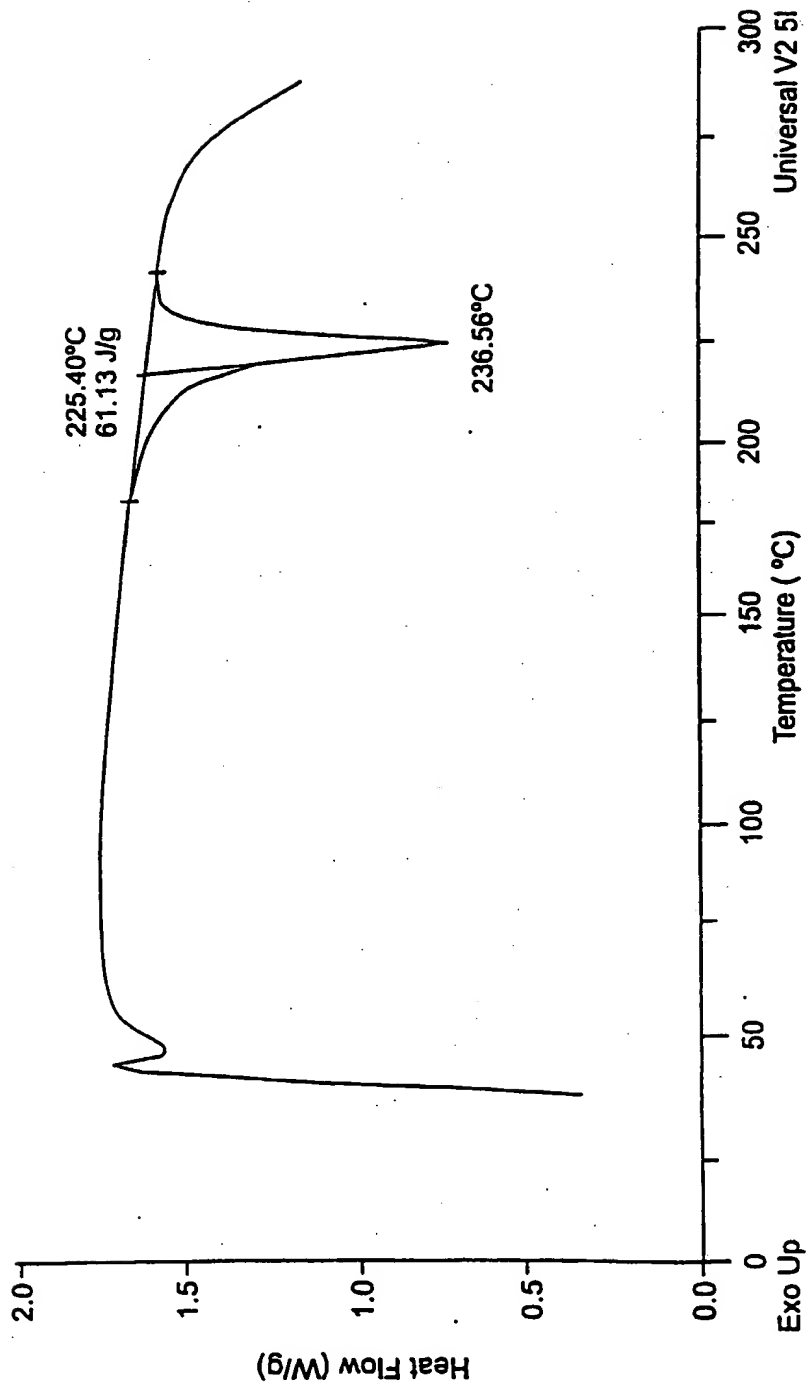


Fig. 2-C

092009 SEP 16 00

Size: 1.0400 mg
Method: 10 DEG C/MIN AMB TO 300
Comment: SEALED PAN

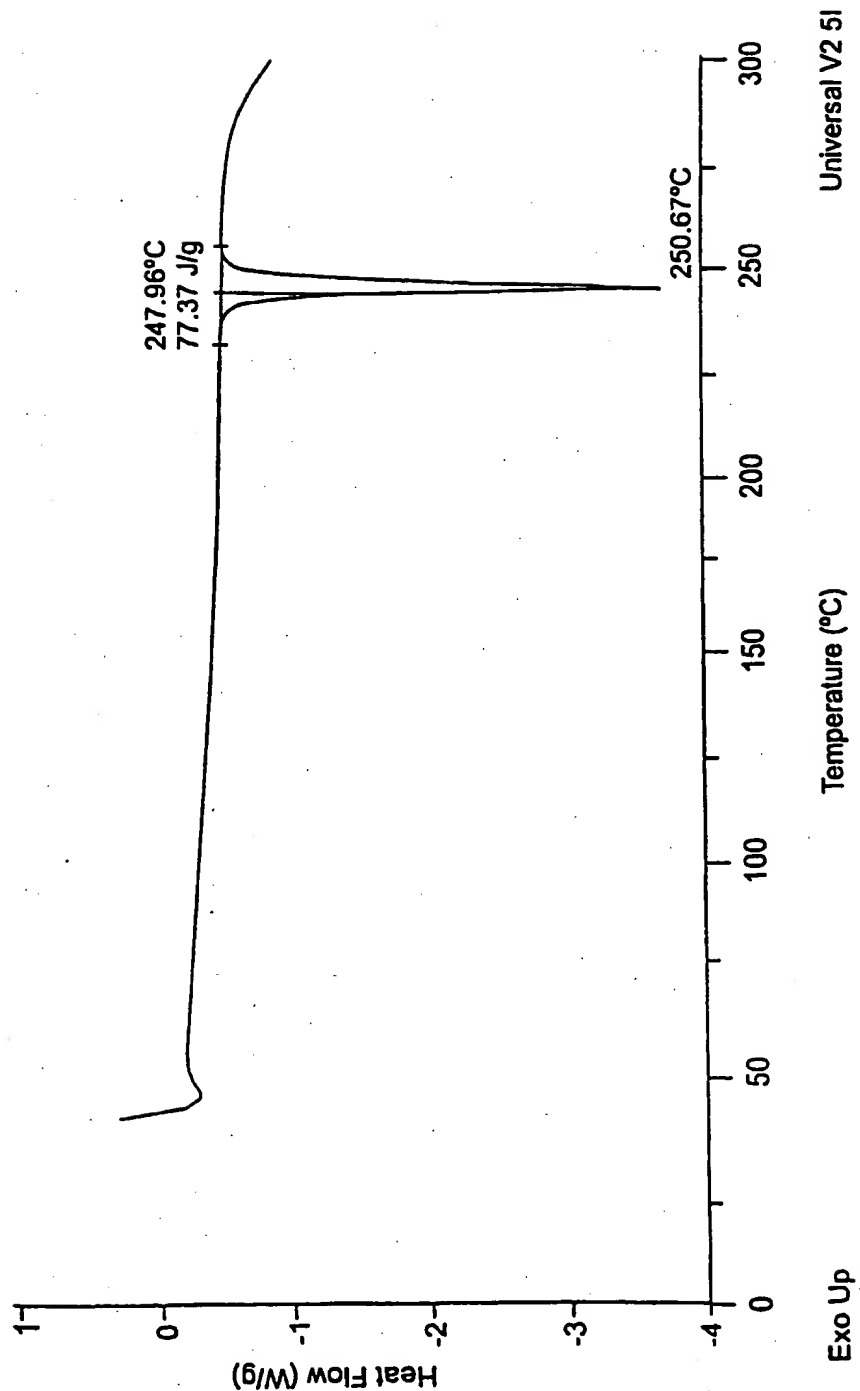


Fig 2-D

109270" SET 9460

Sample Weight 15.300 mg
 Comment N-Propyl Alcohol soln 1
 unceded pan

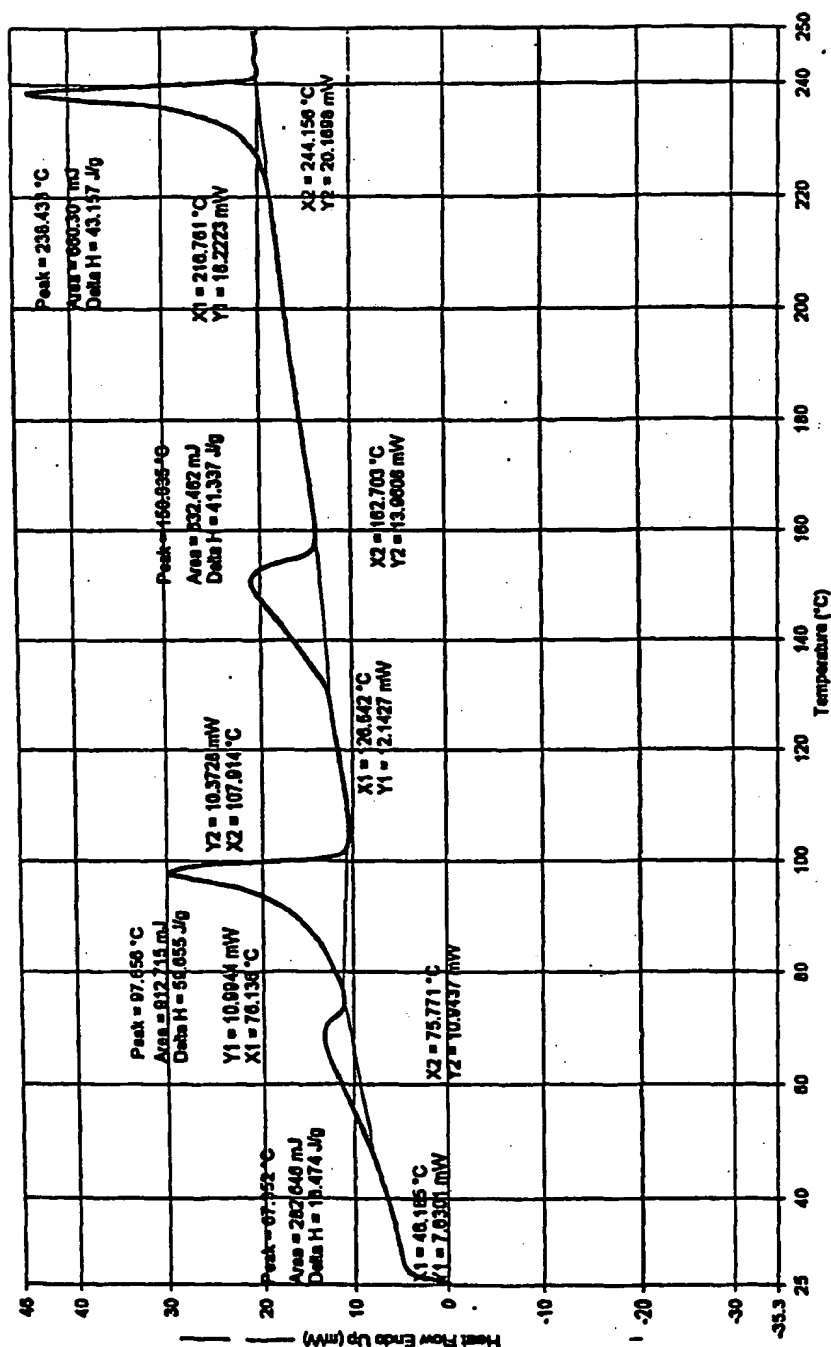


Fig. 2-E

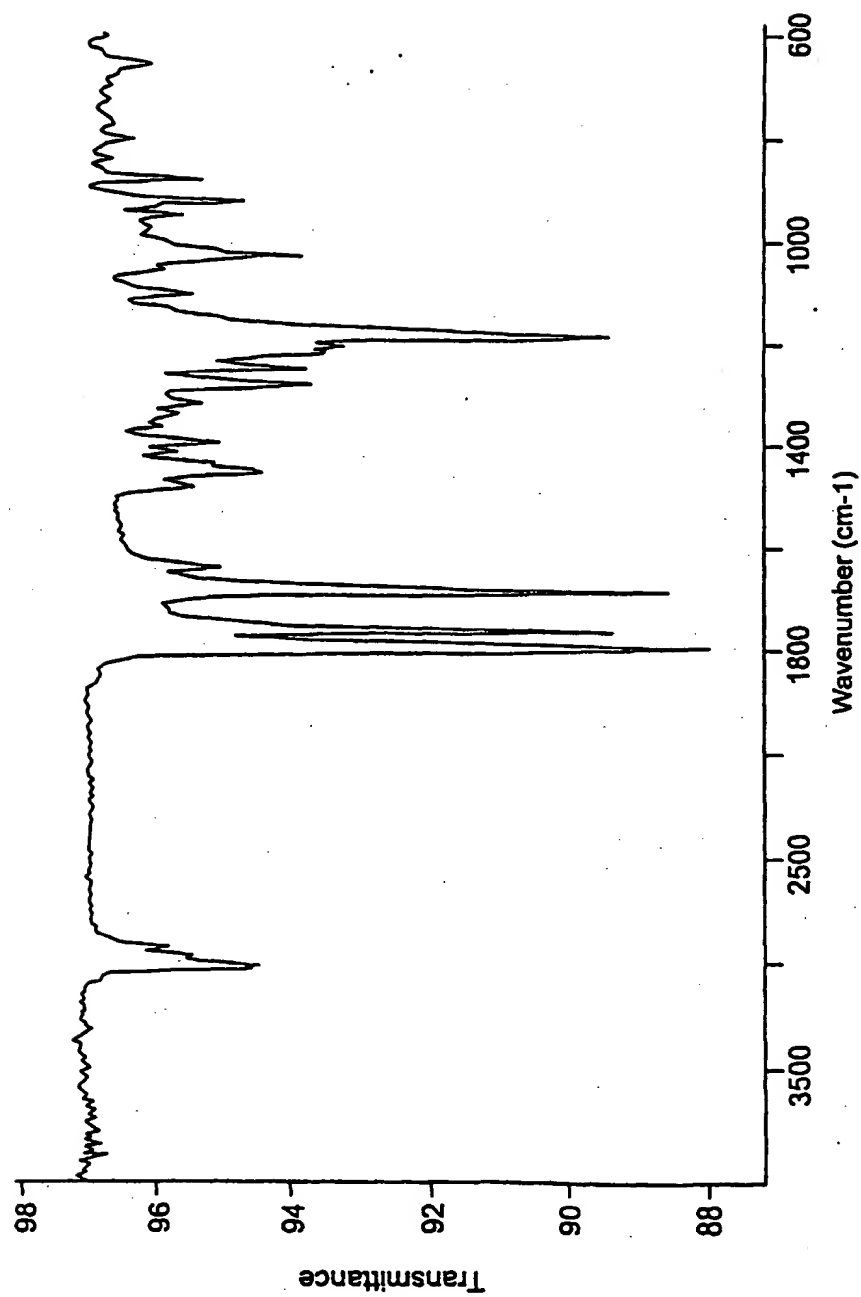


Fig. 3-A

10/55

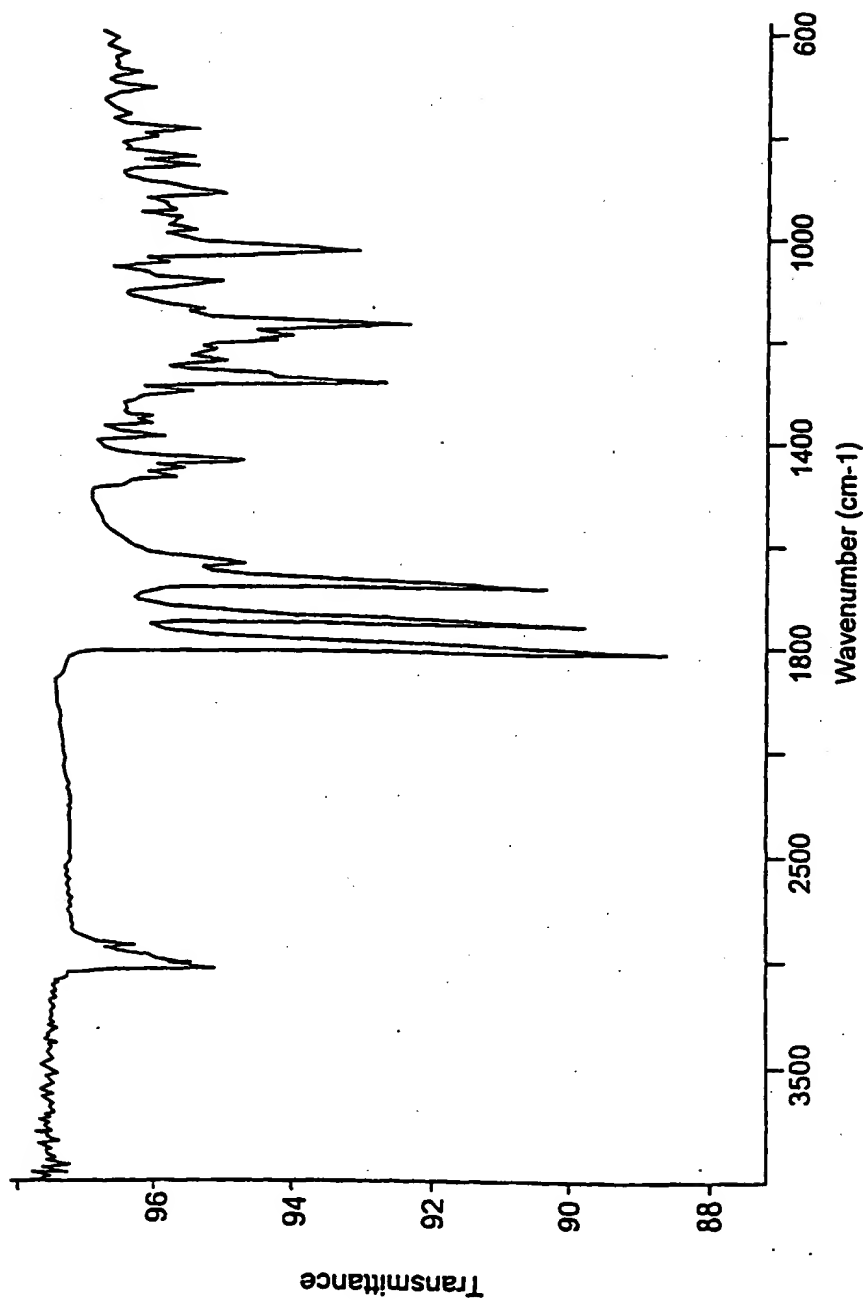


Fig. 3-B

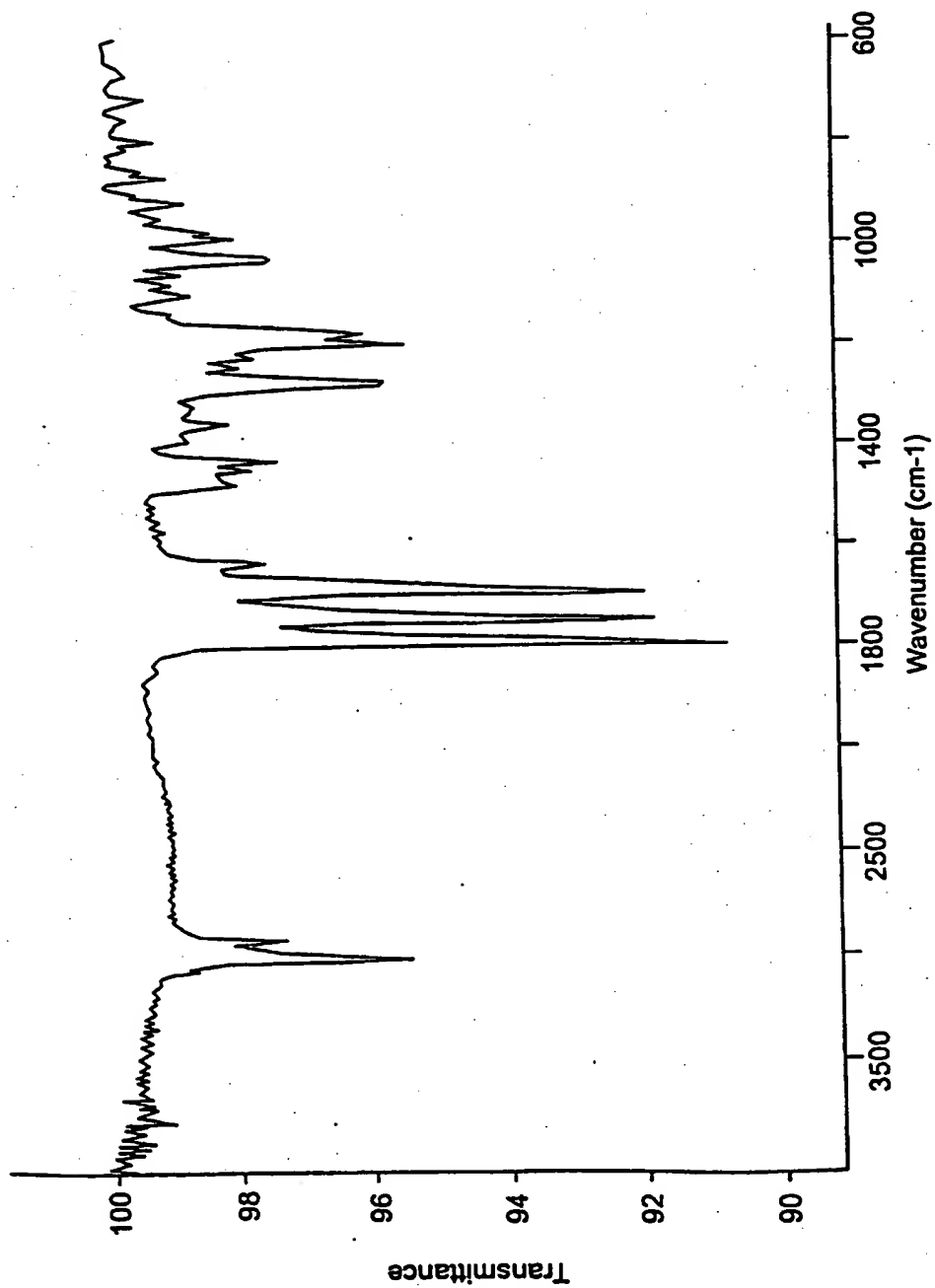


Fig. 3-C

12/55

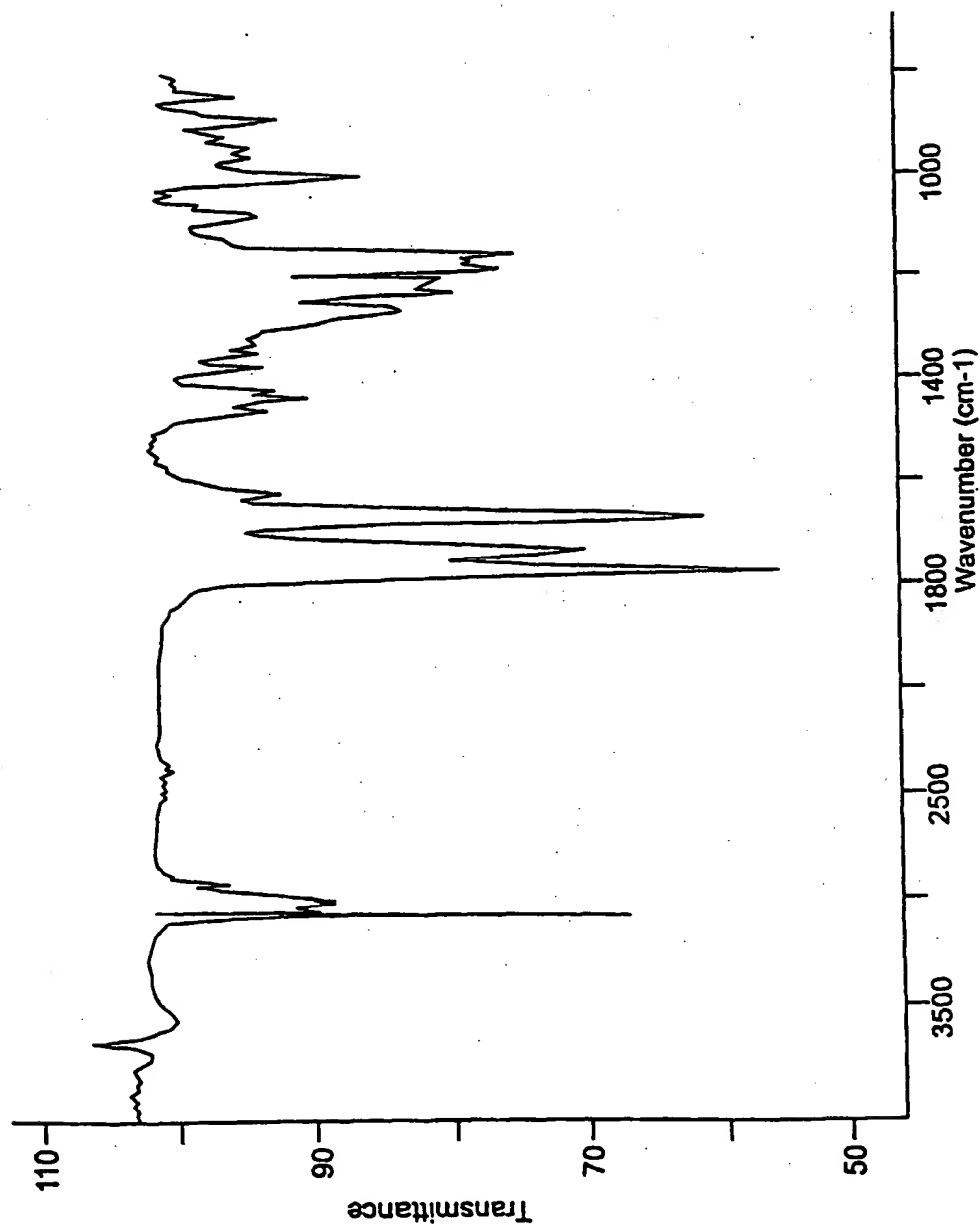


Fig. 3-D

109220" 96T9T660

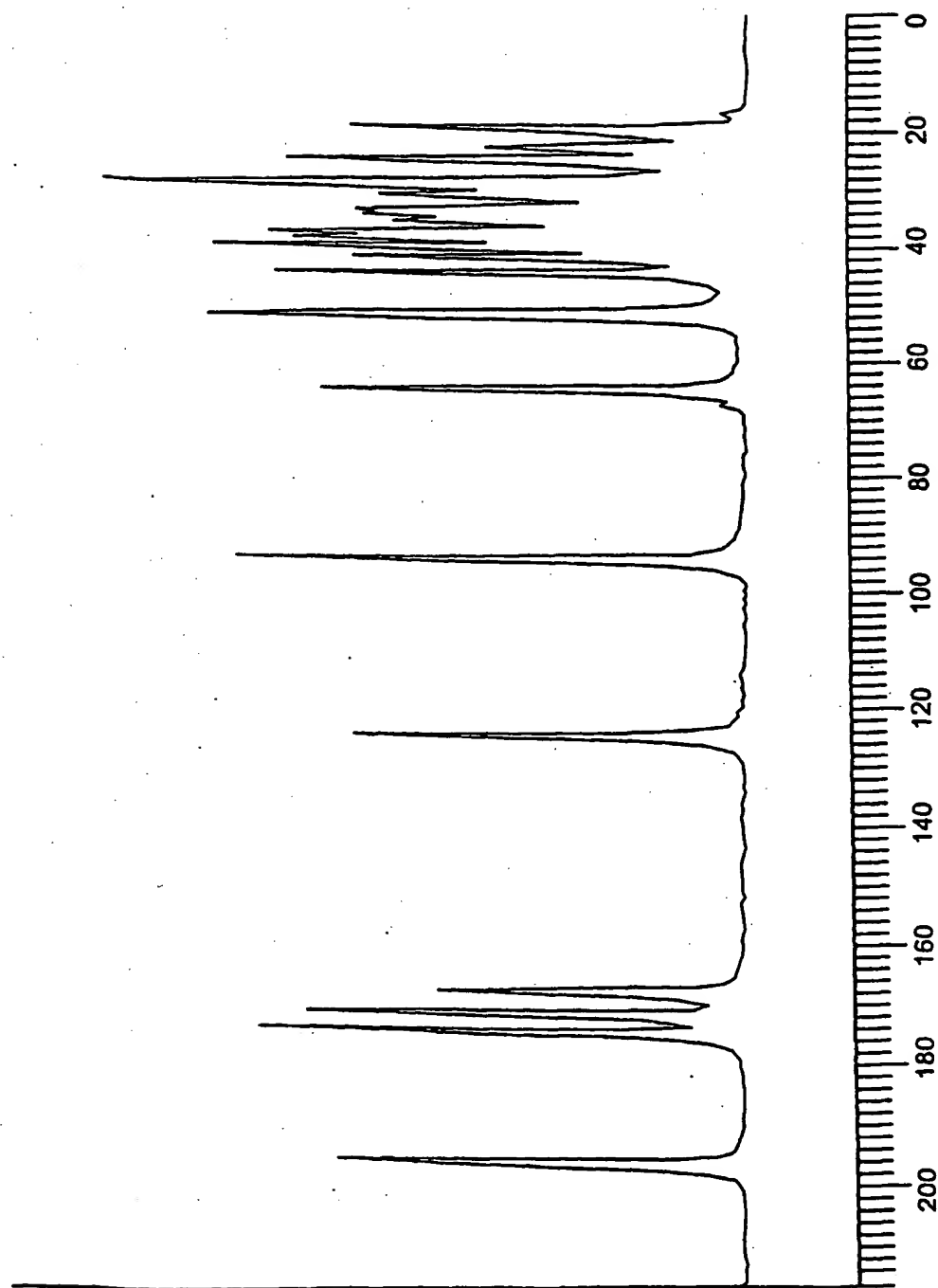
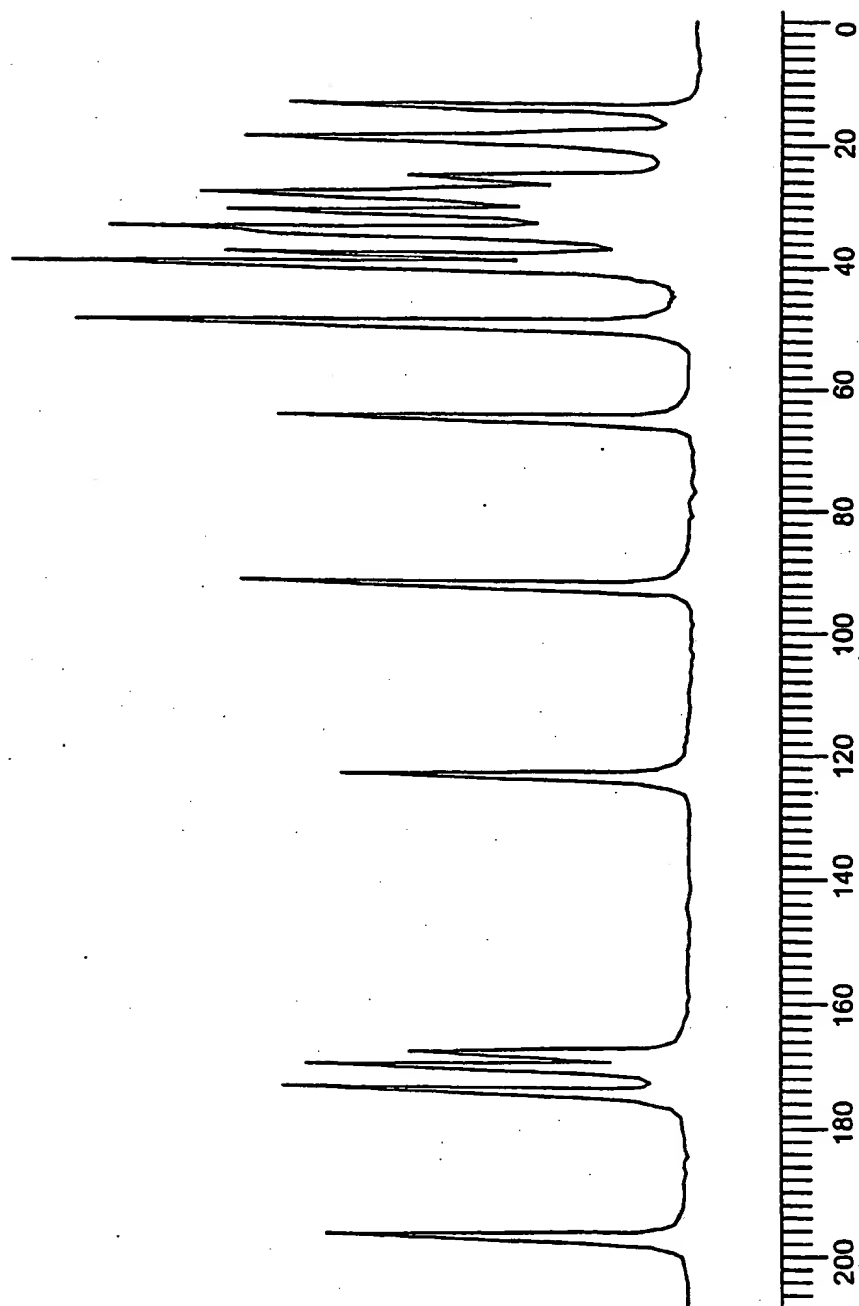


Fig. 4

[illegible]

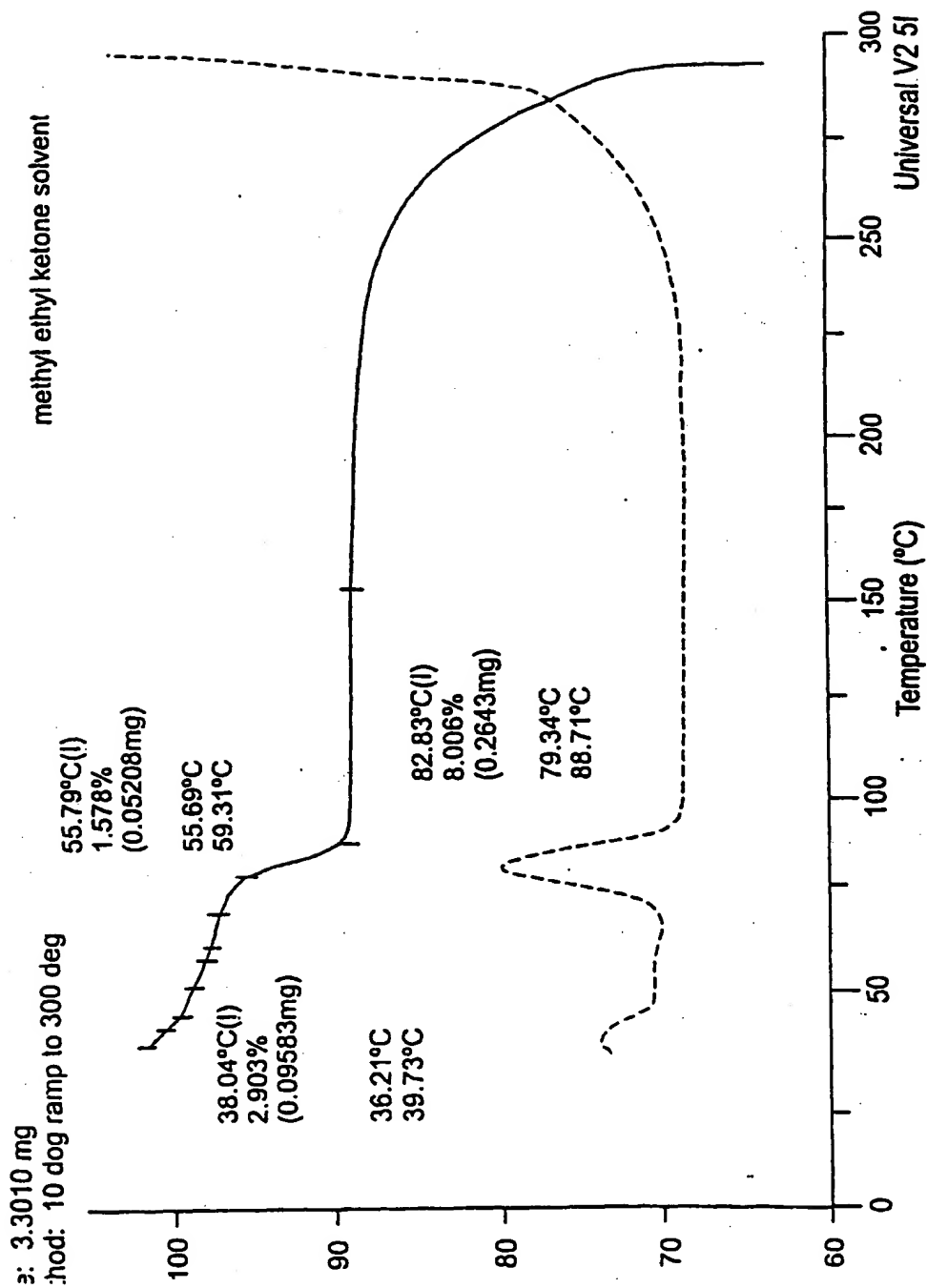


Fig. 6-A

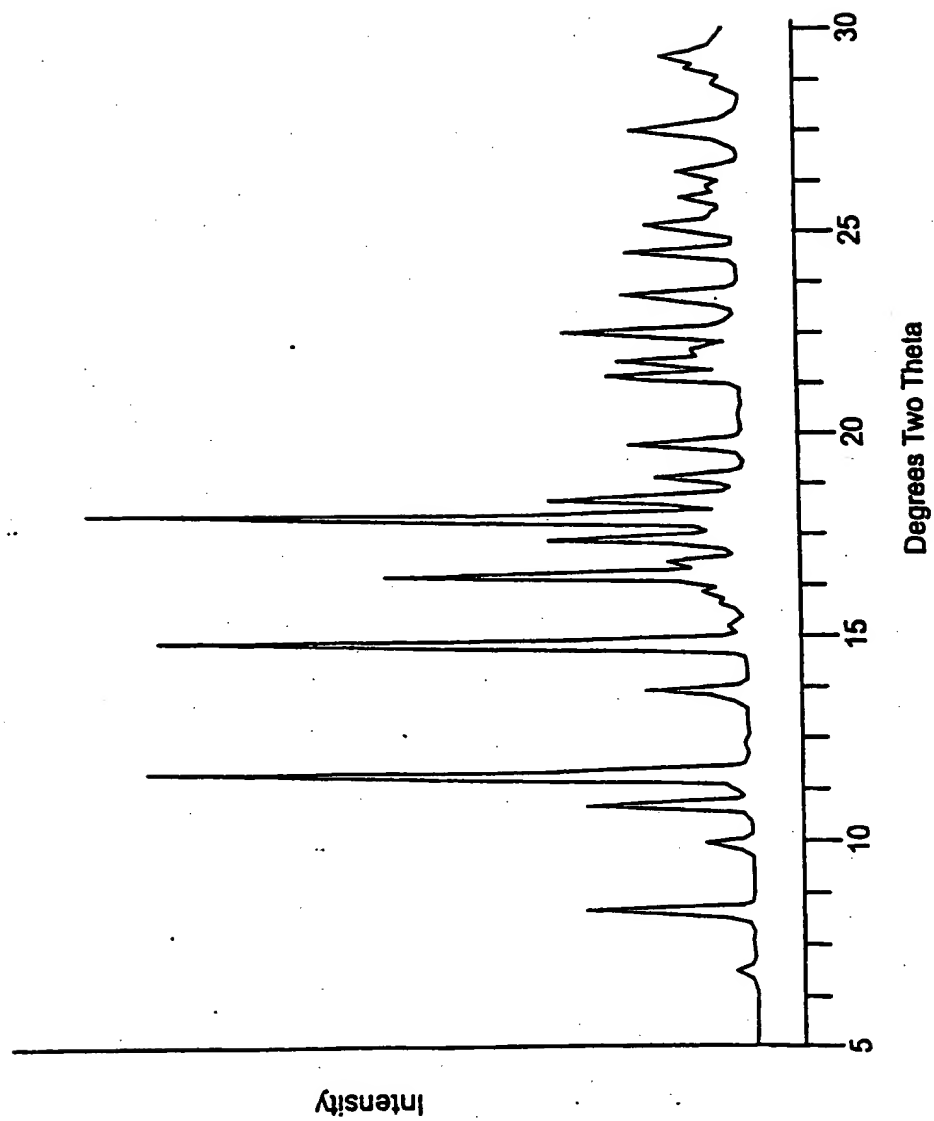


Fig. 7

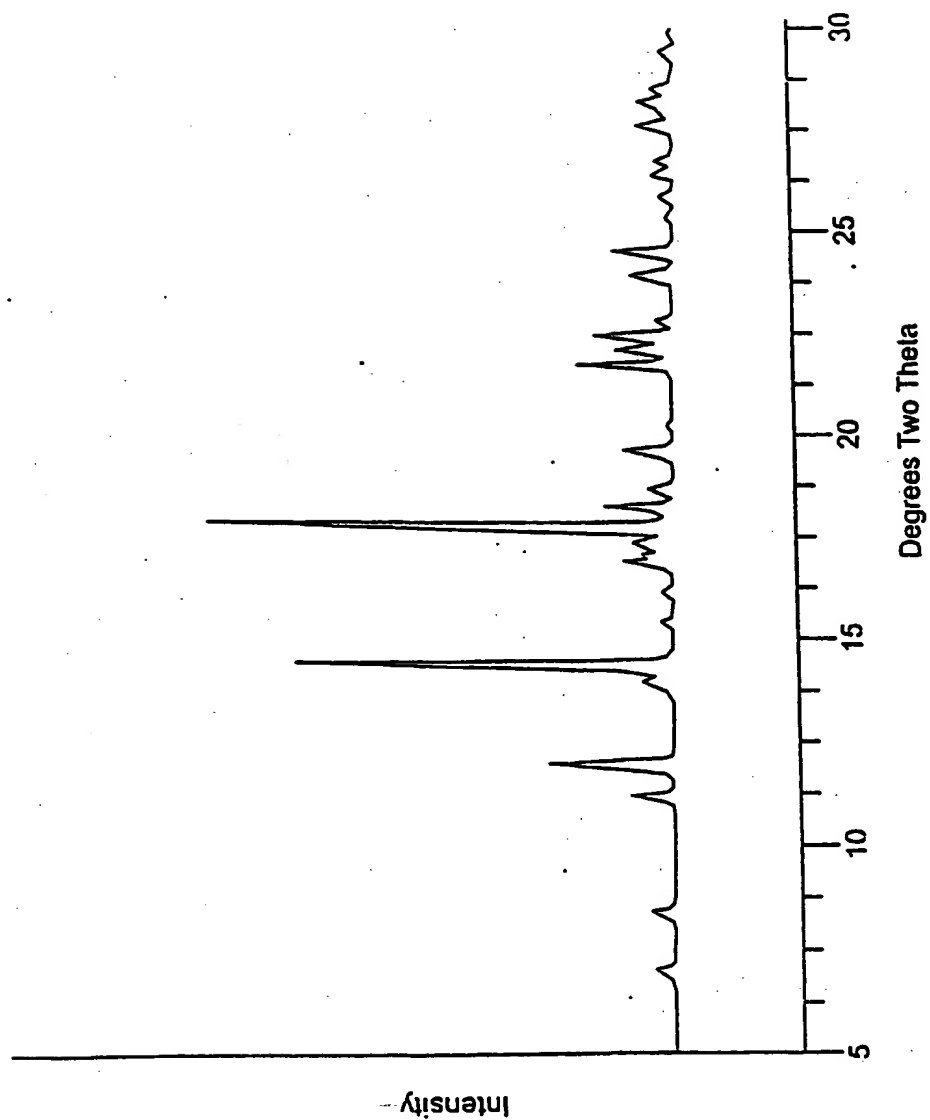


Fig. 8

10320" 923460

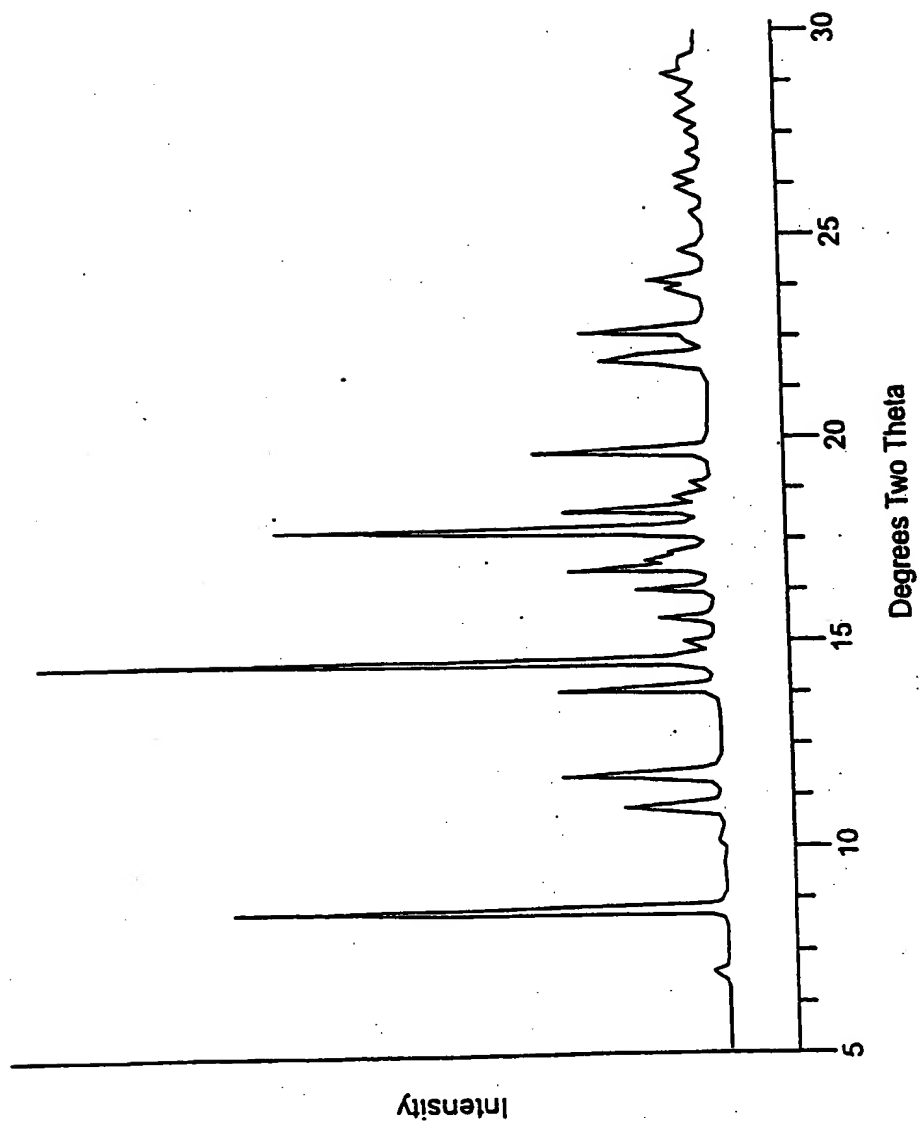


Fig. 9

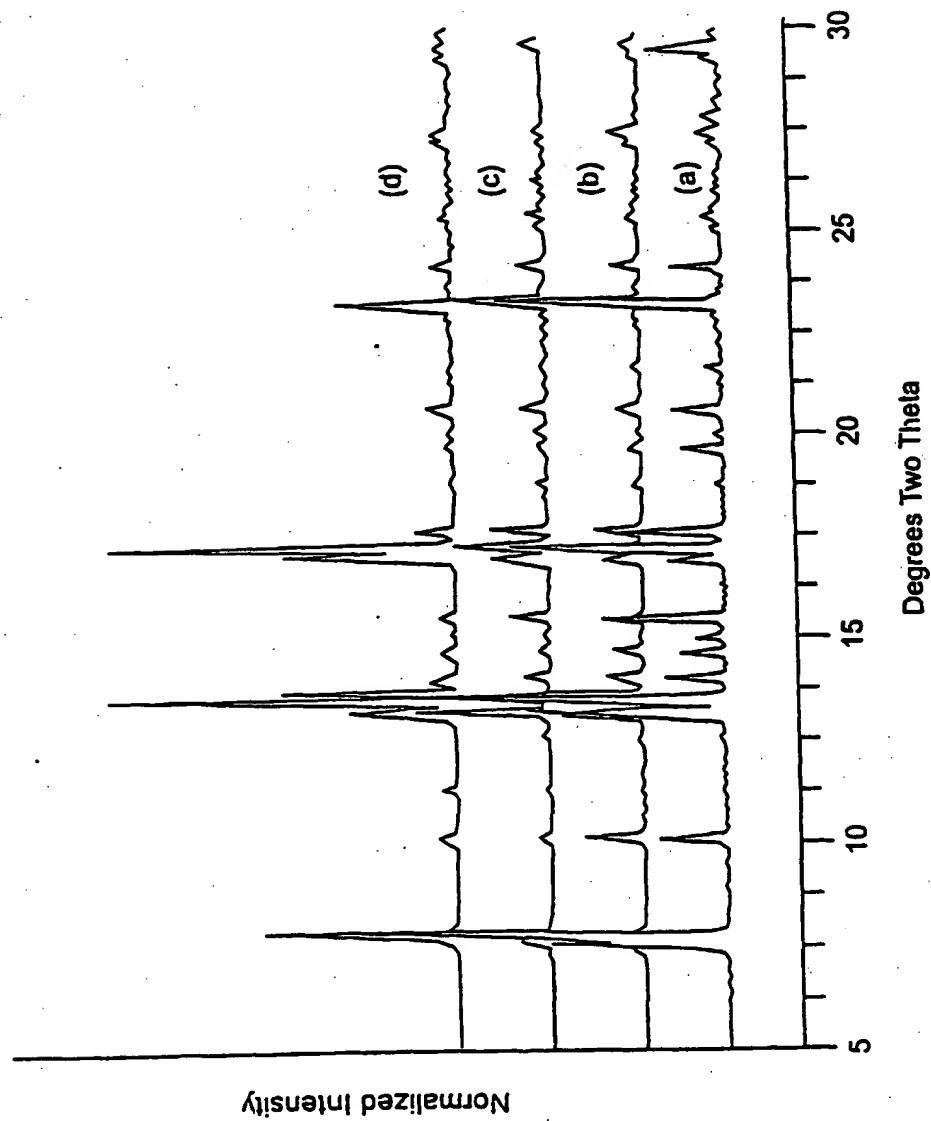


Fig. 10

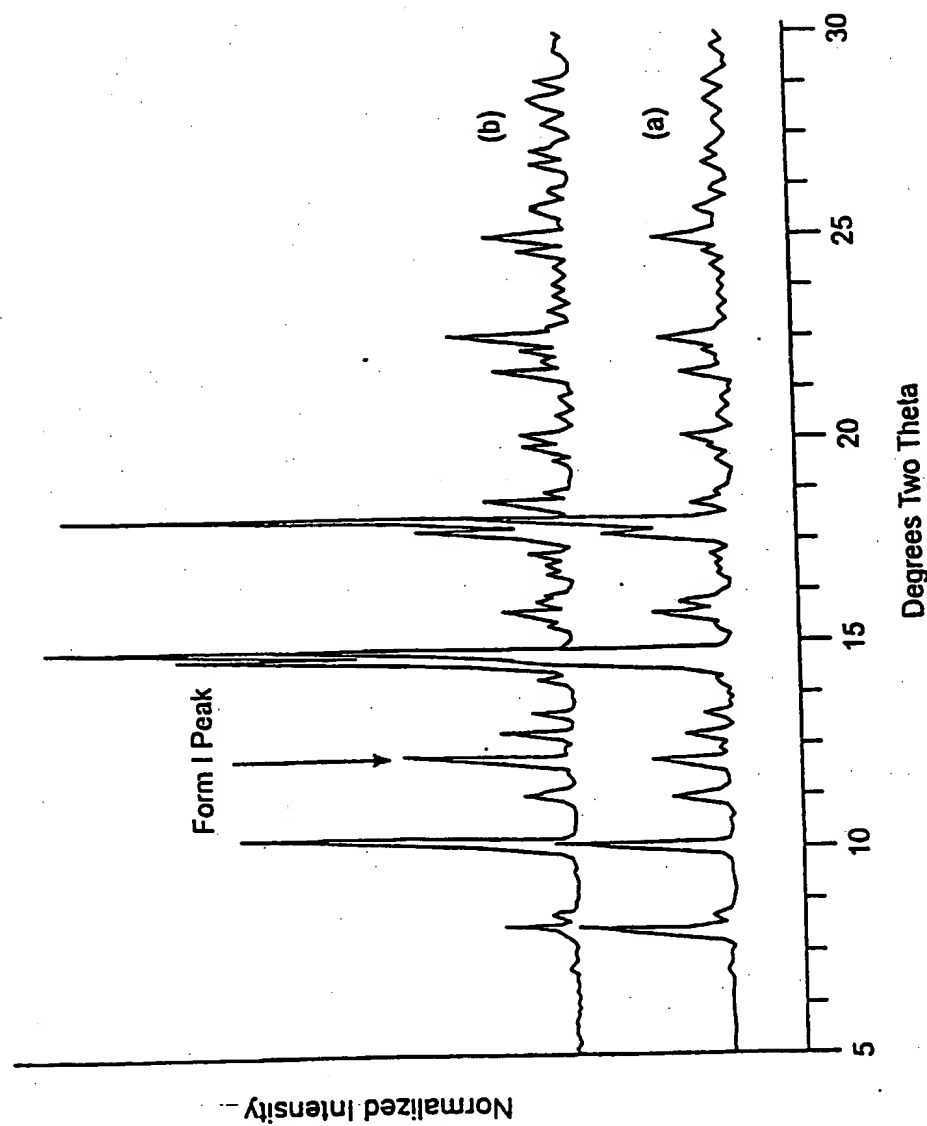


Fig. 12

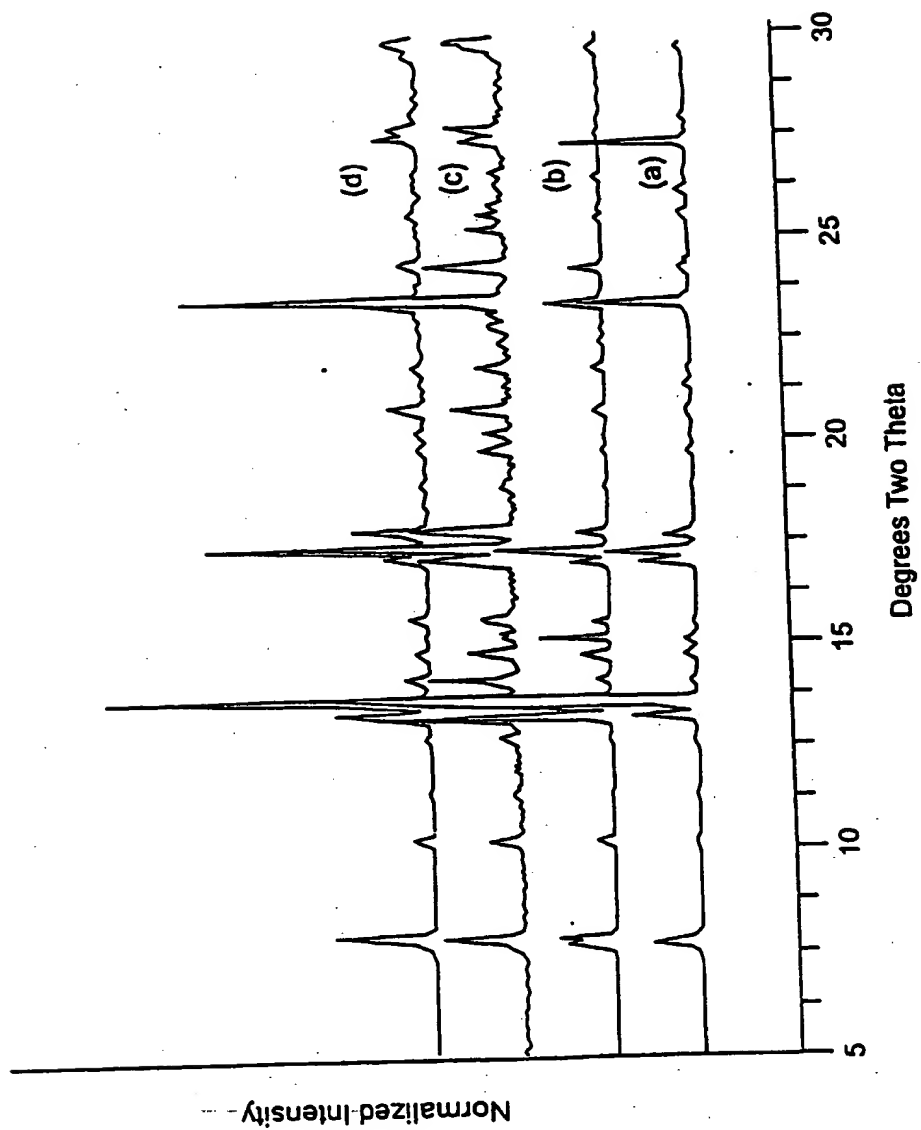


Fig. 13

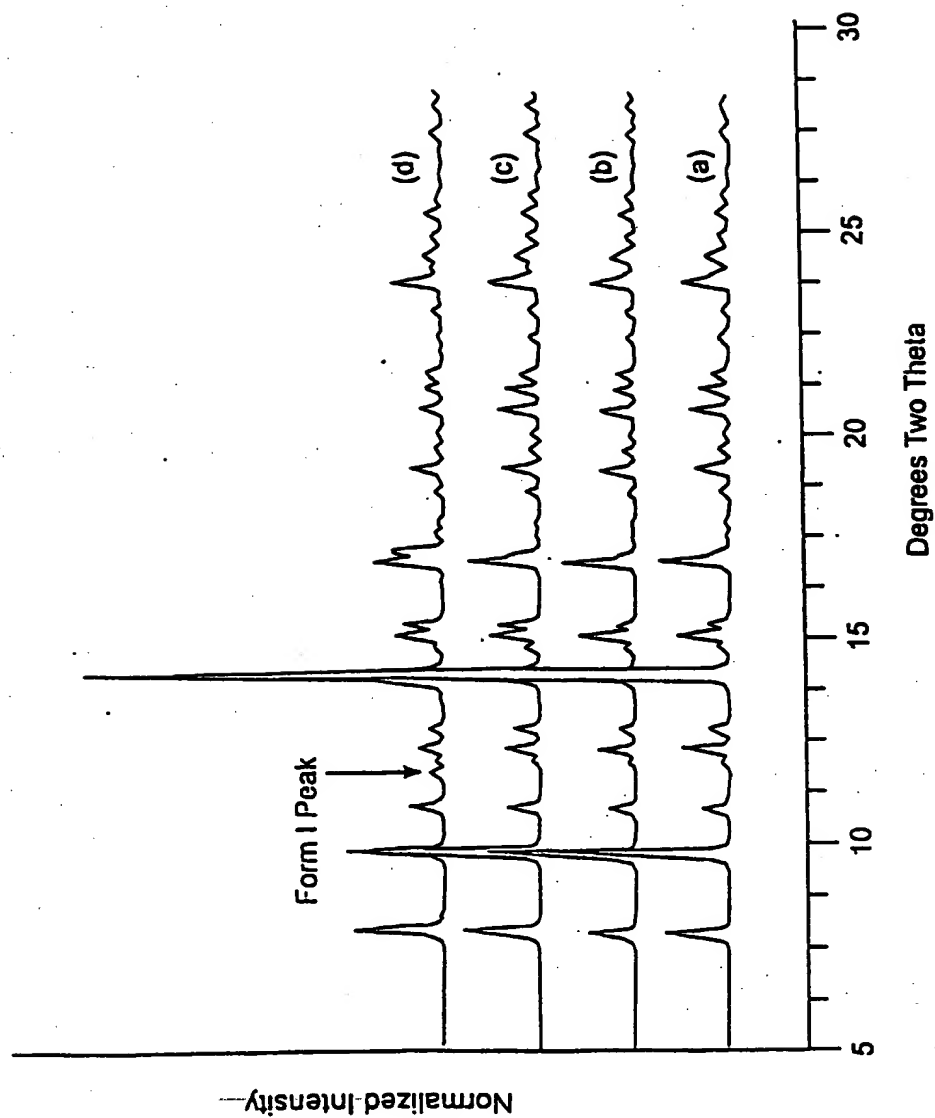


Fig. 14

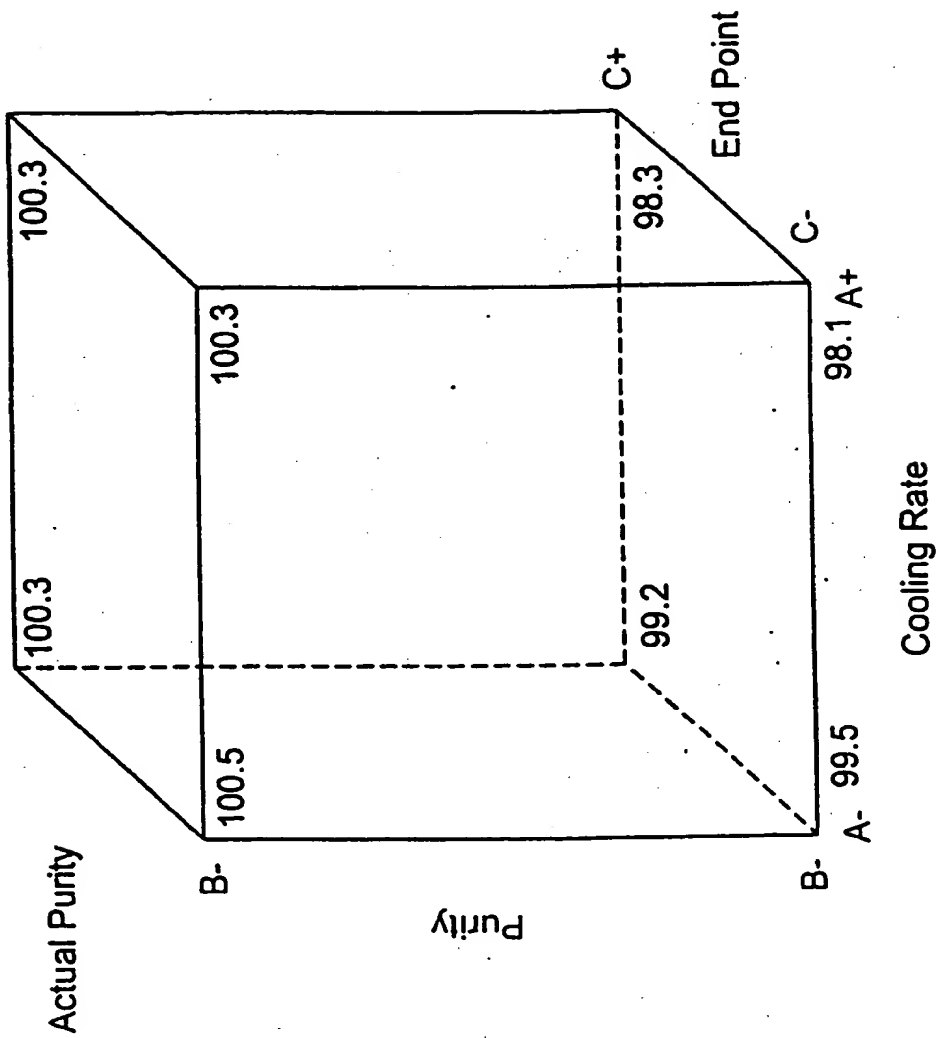


Fig. 15

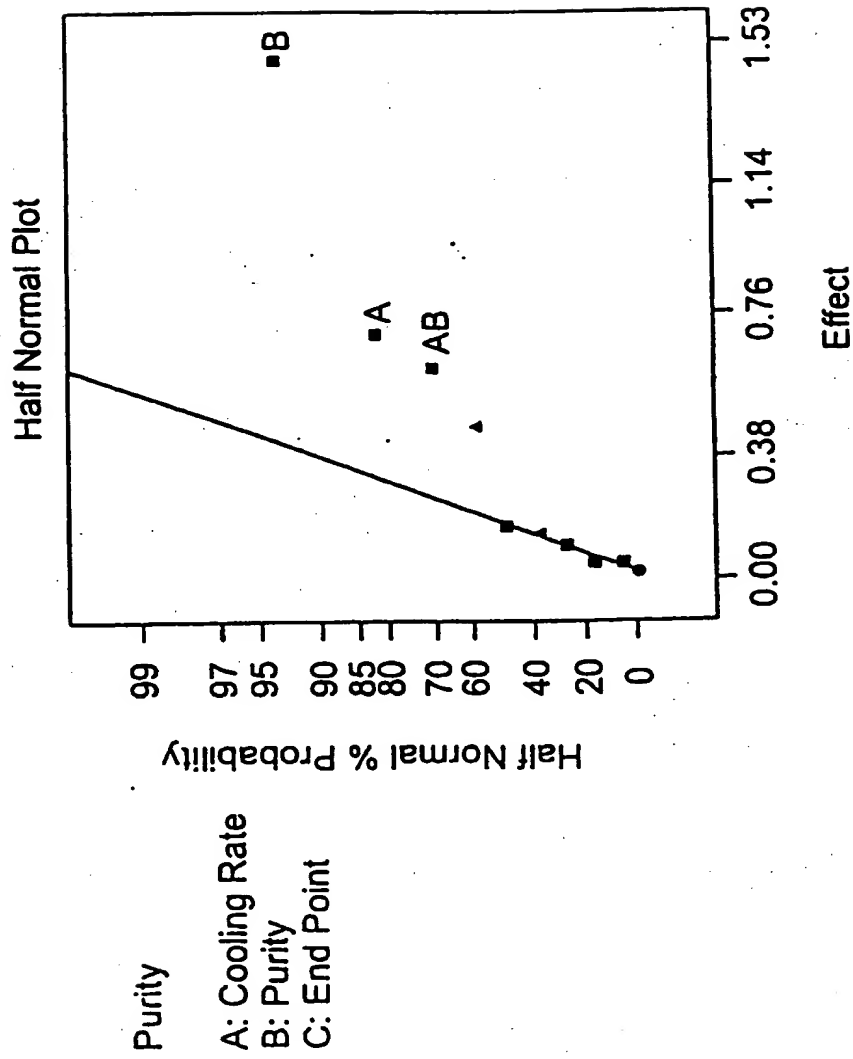
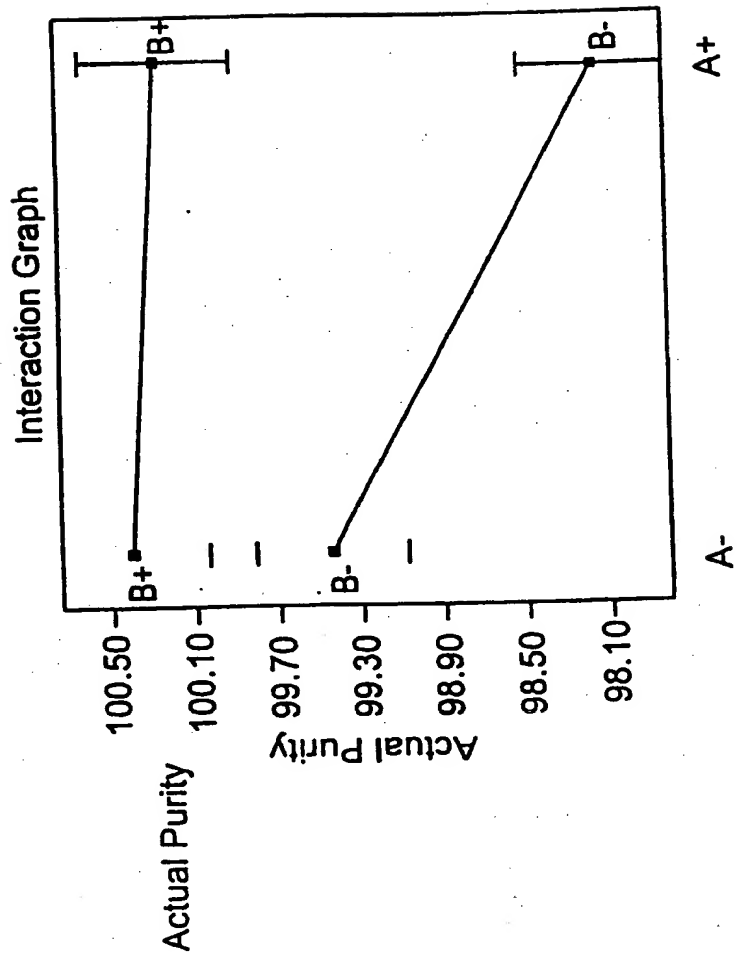


Fig. 16



Interaction of A: Cooling Rate and B: Purity

Fig. 17

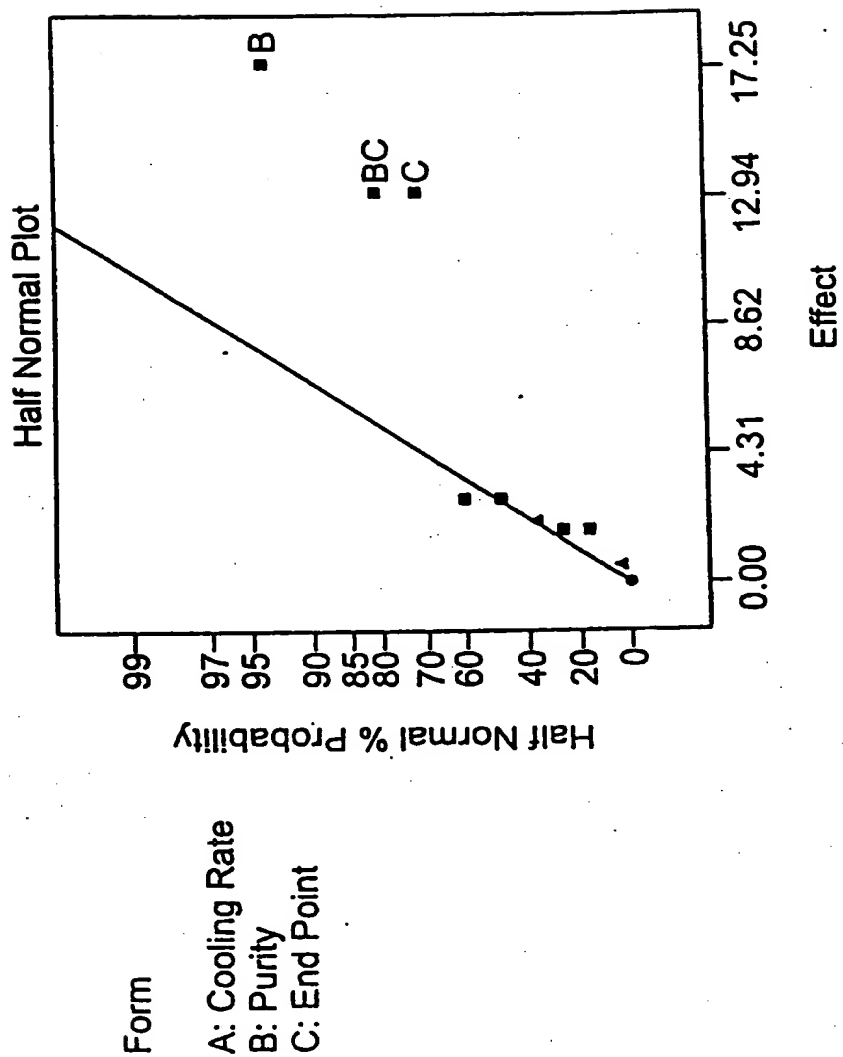
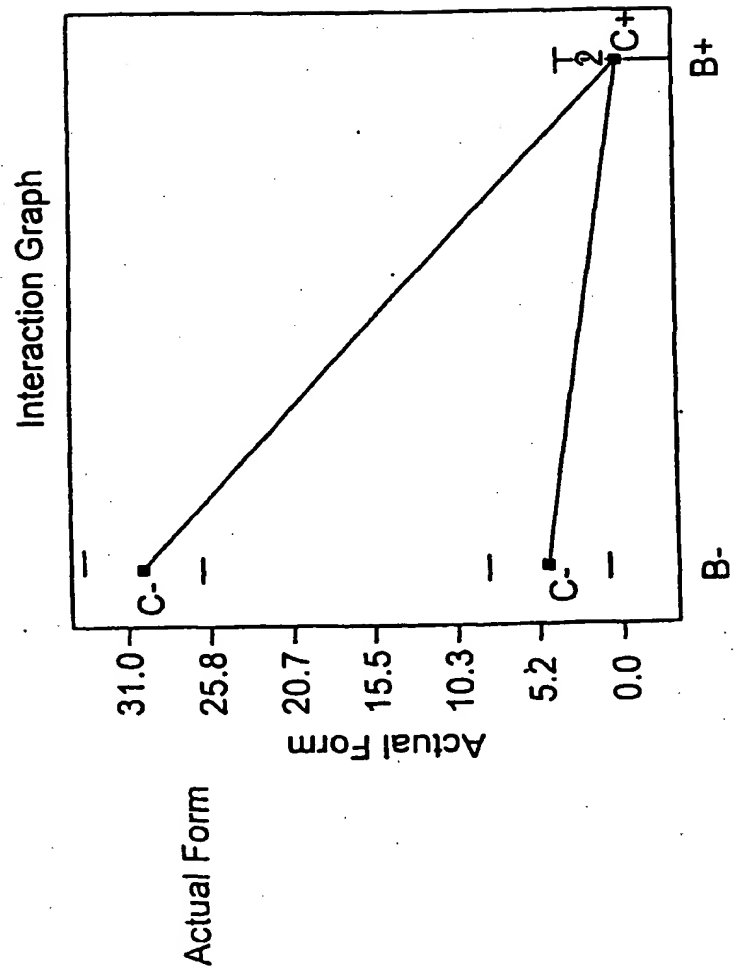


Fig. 19



Interaction of B: Purity and C: End Point

Fig. 20

103220" SET 9T660

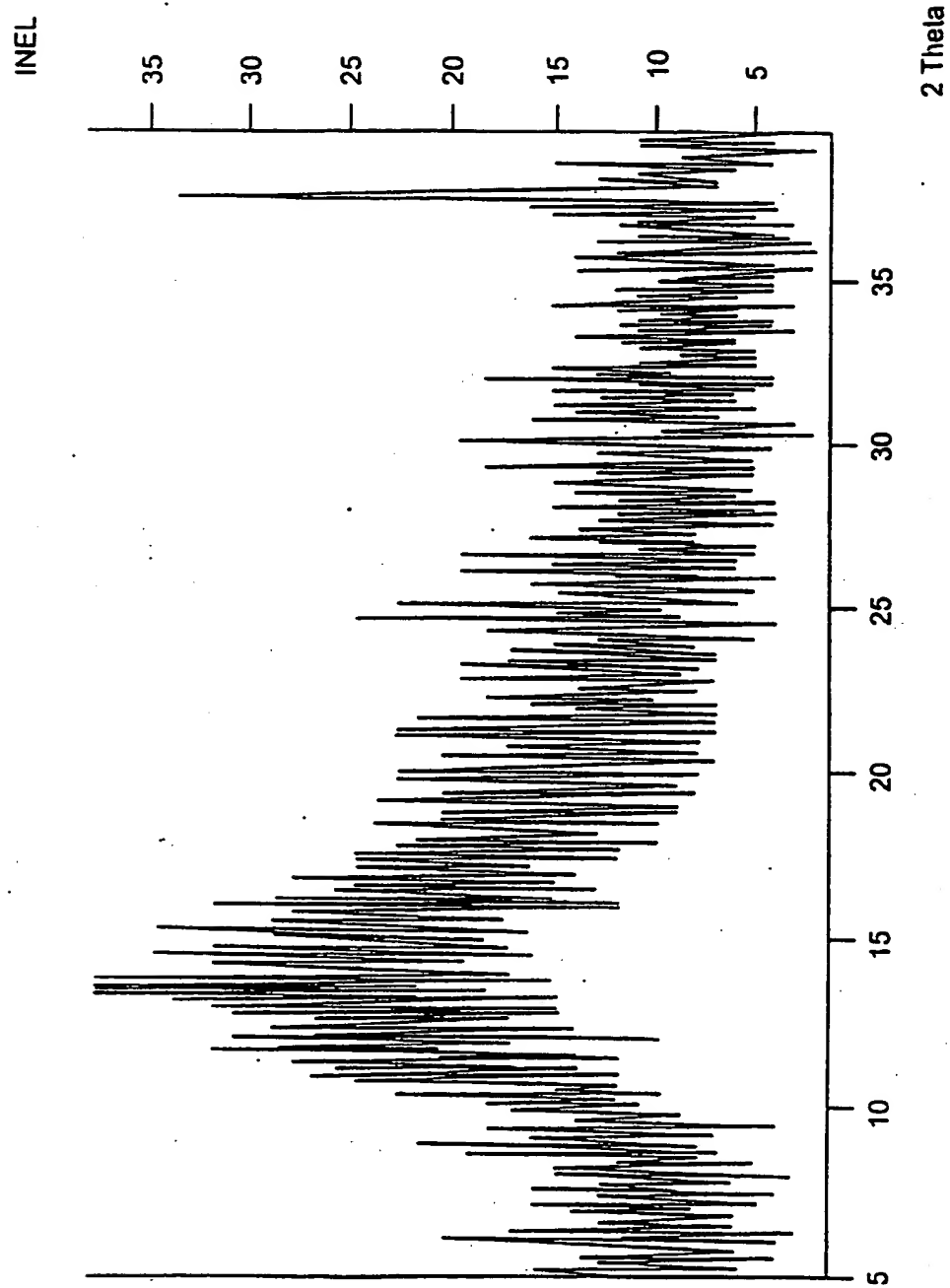


Fig. 21

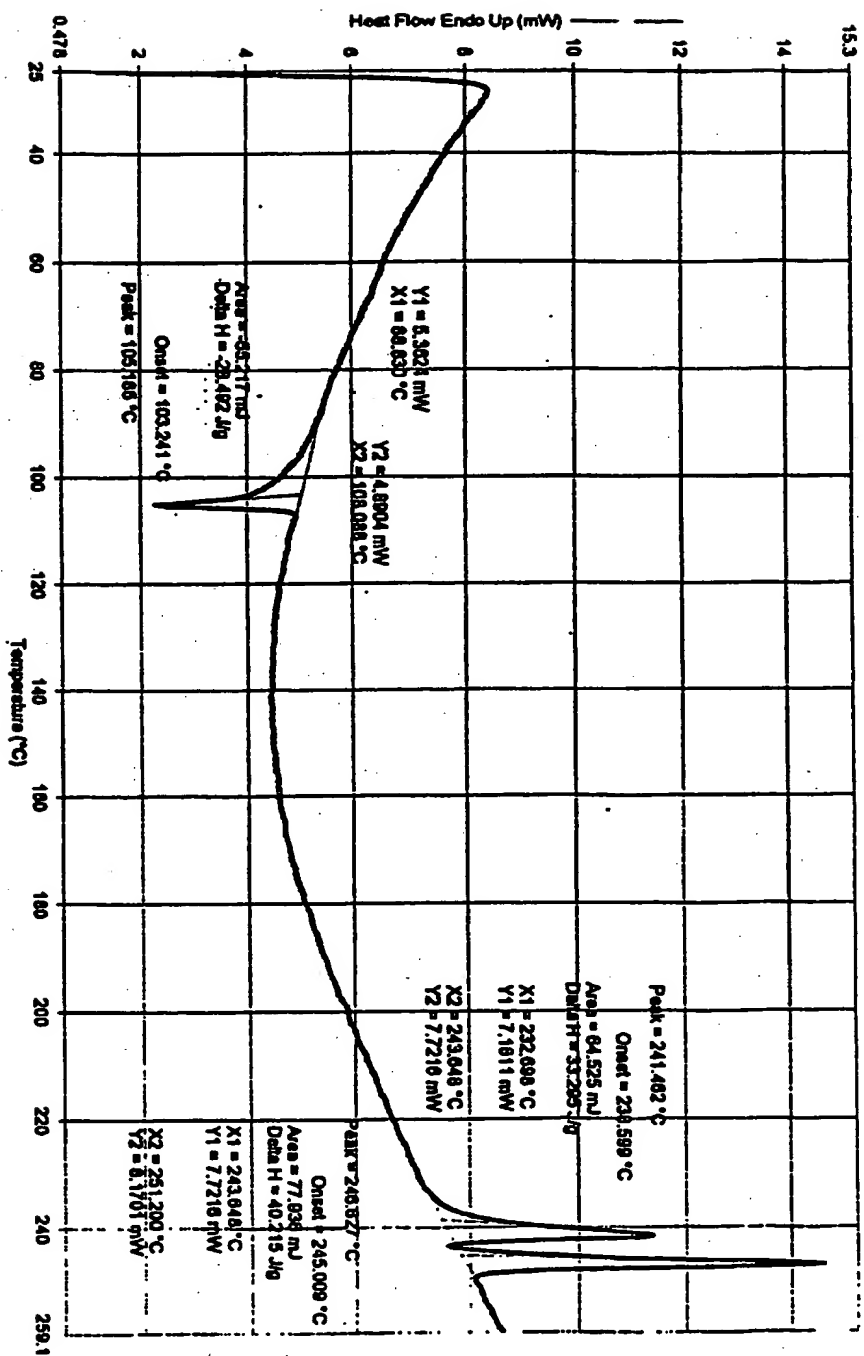


Fig. 22

00016136.m 072504

Systolic Blood Pressure in Angiotensin II- or Vehicle-

Infused Rats

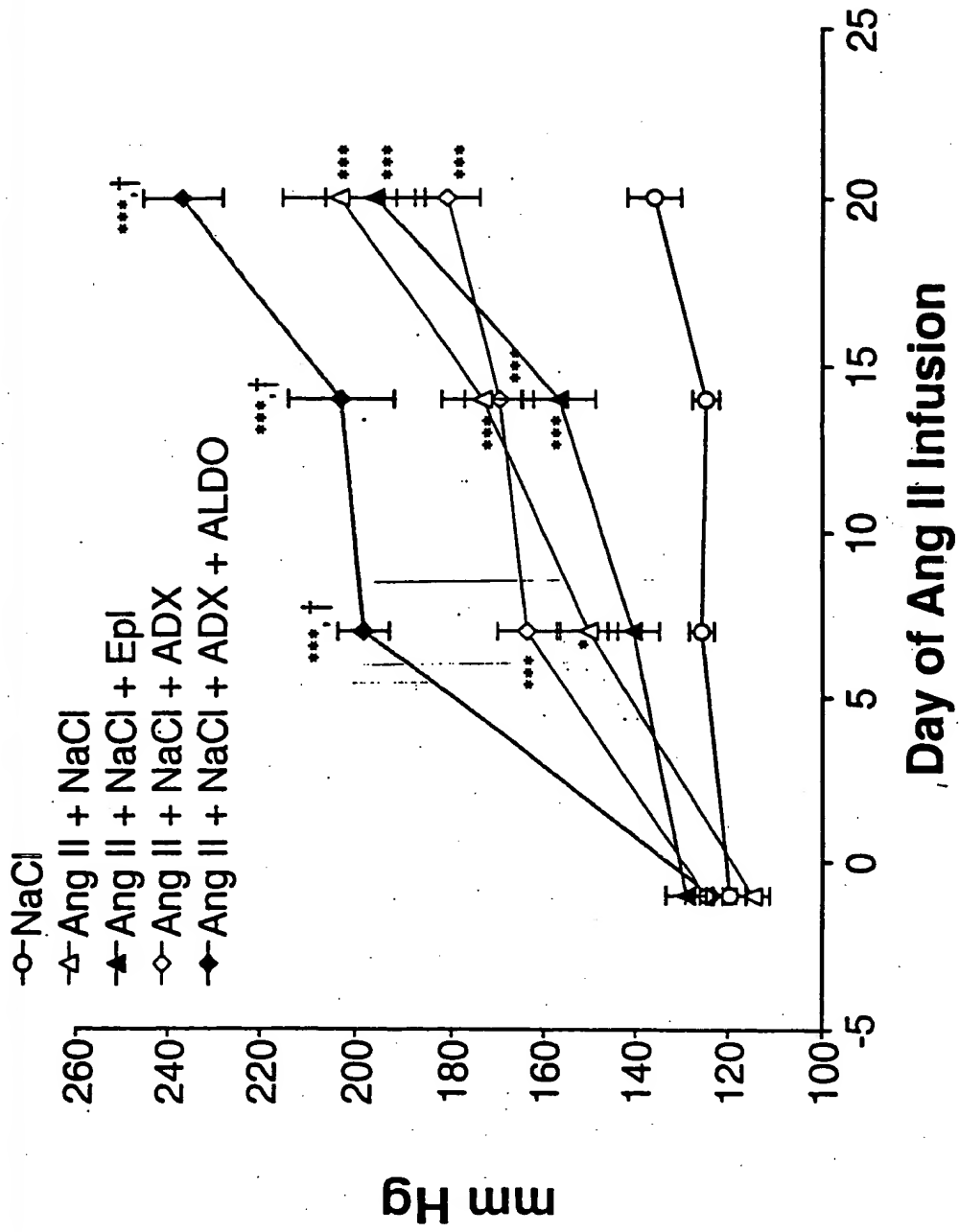


Fig. 23

Eplerenone Prevents the Vascular Inflammatory Lesions in Angiotensin II/Salt Hypertensive Rats



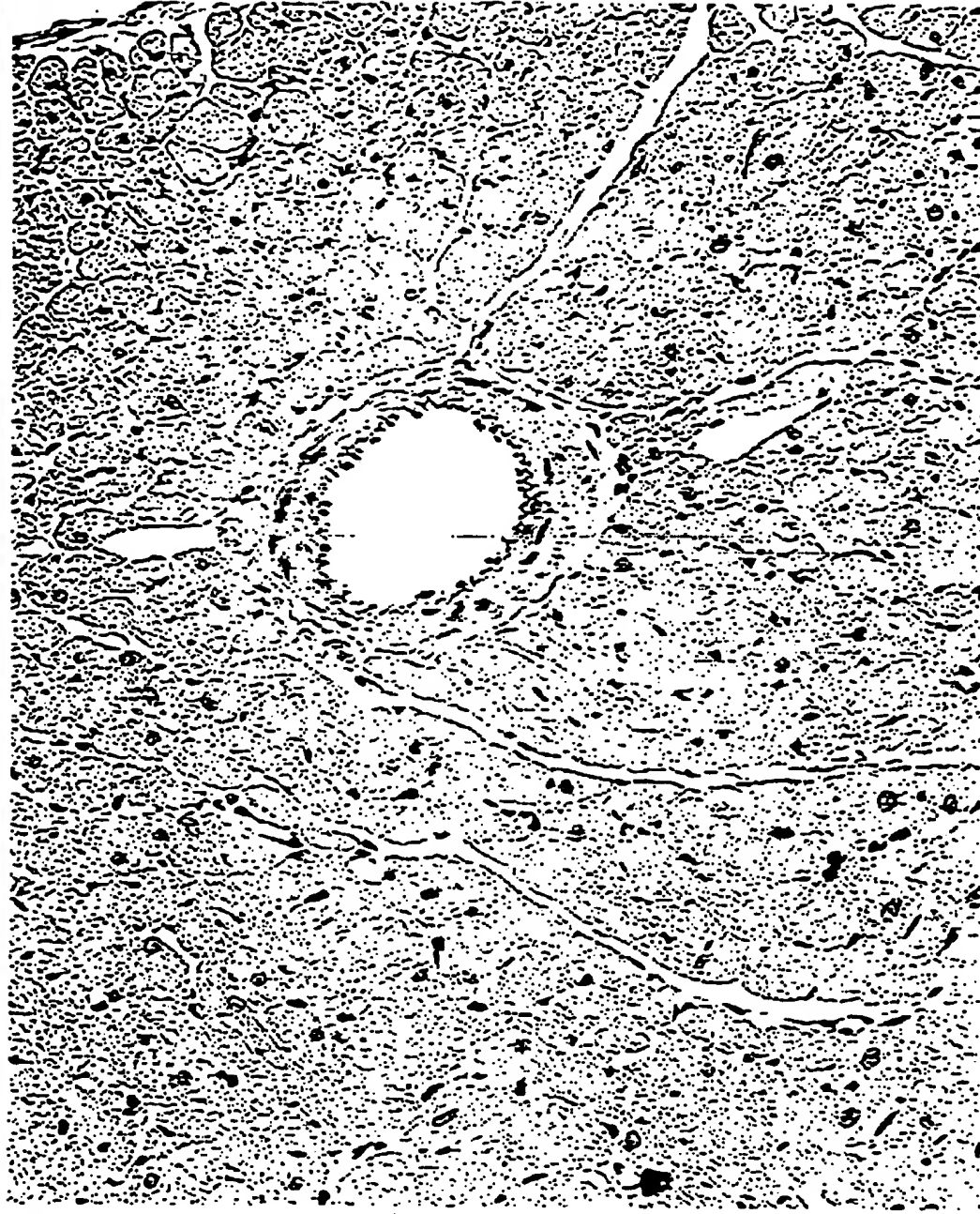
Vehicle



Eplerenone

Fig. 24

COX-2 is Not Expressed in the Heart of 1% NaCl-Drinking Rats



1% NaCl

FIGURE 25

109220" SET 650

Angiotensin II/NaCl Treatment Induces COX-2 Expression in the Media of Coronary Arteries in Rats



Angiotensin II + NaCl

FIGURE 26

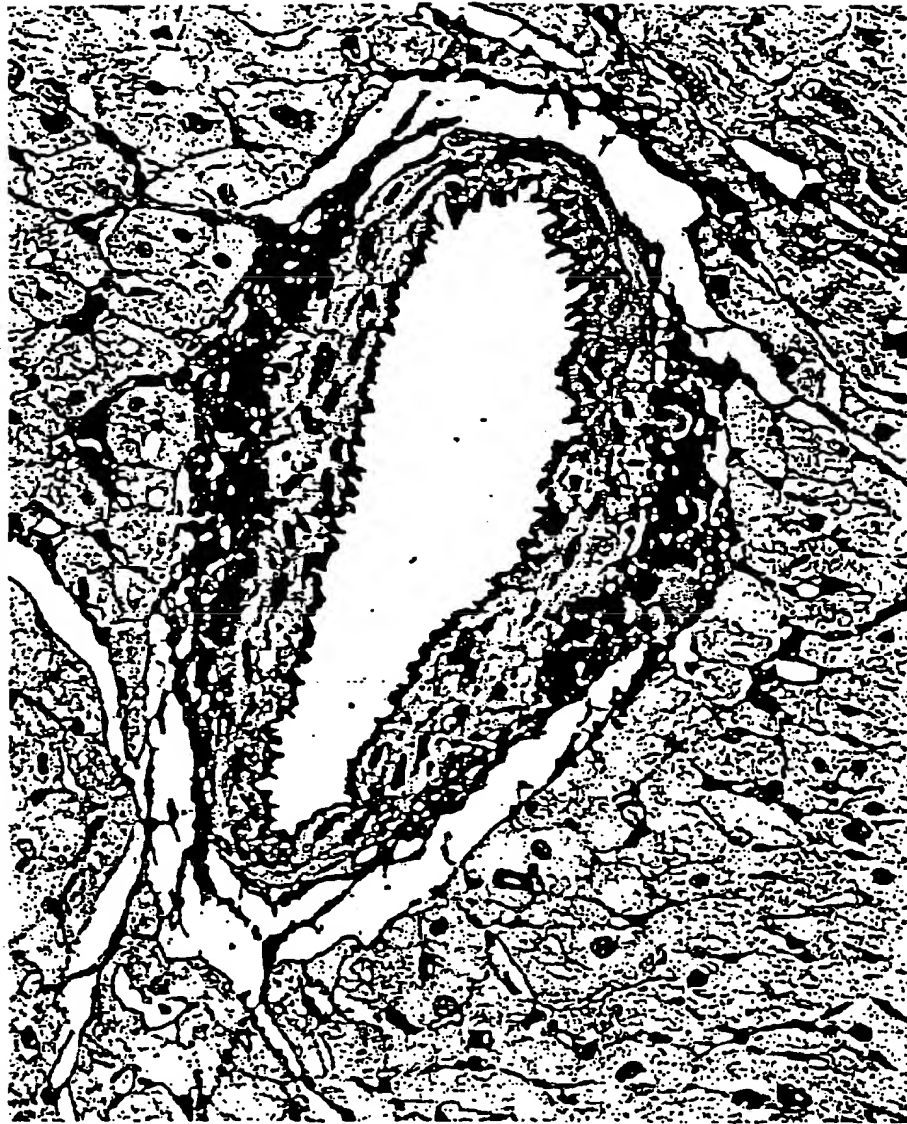
Eplerenone Prevents COX-2 Expression in Coronary Arteries in Angiotensin II/Salt Hypertensive Rats



Angiotensin II + NaCl + Eplerenone

FIGURE 27

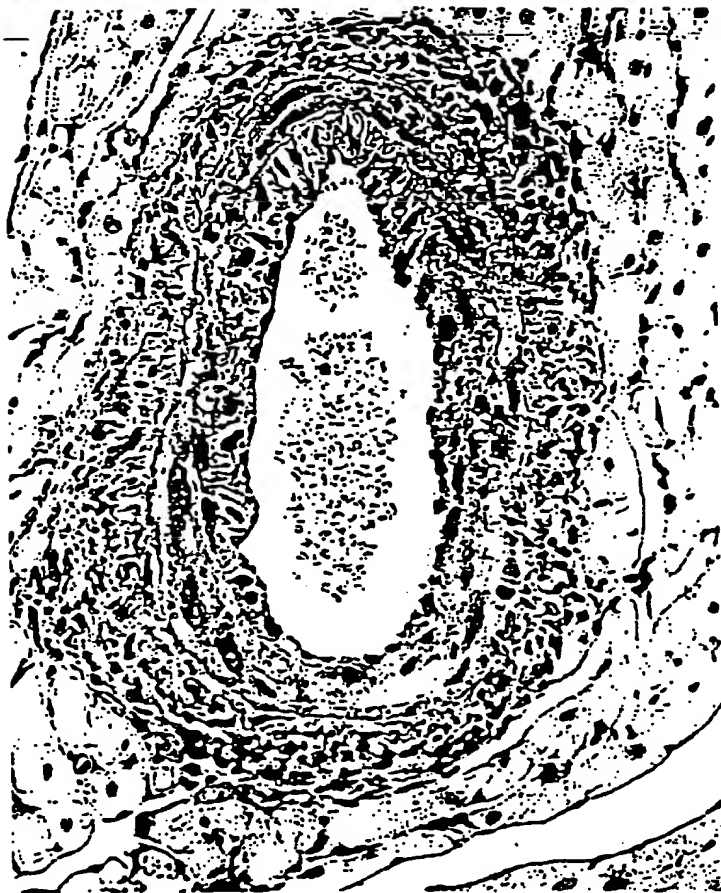
Osteopontin is Not Expressed in the Normal Heart



Saline-Drinking Control

FIGURE 28

Eplerenone Prevents Osteopontin Expression in Coronary Arteries of Aldosterone/Salt/Uninephrectomized Rats



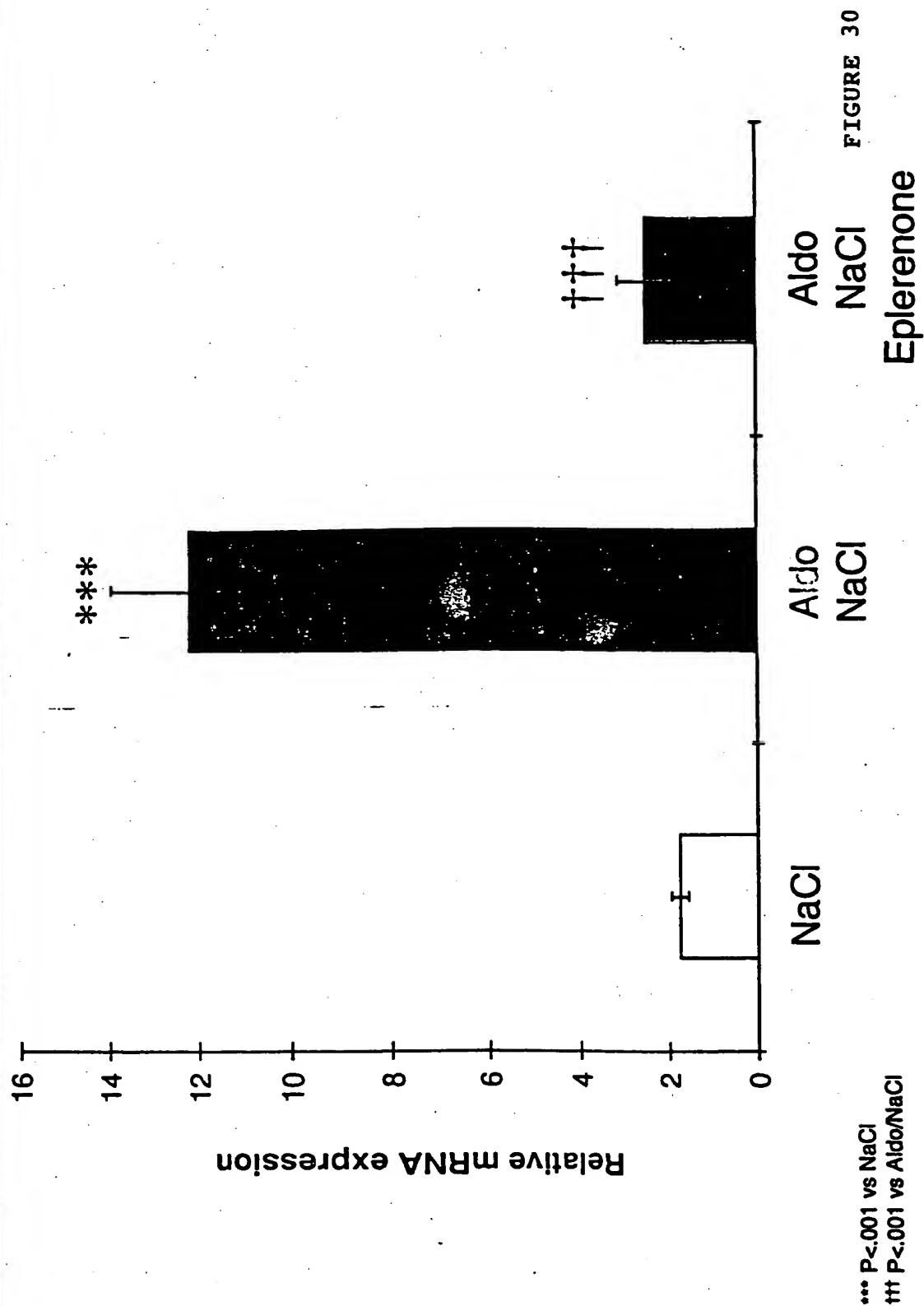
Aldosterone/Salt



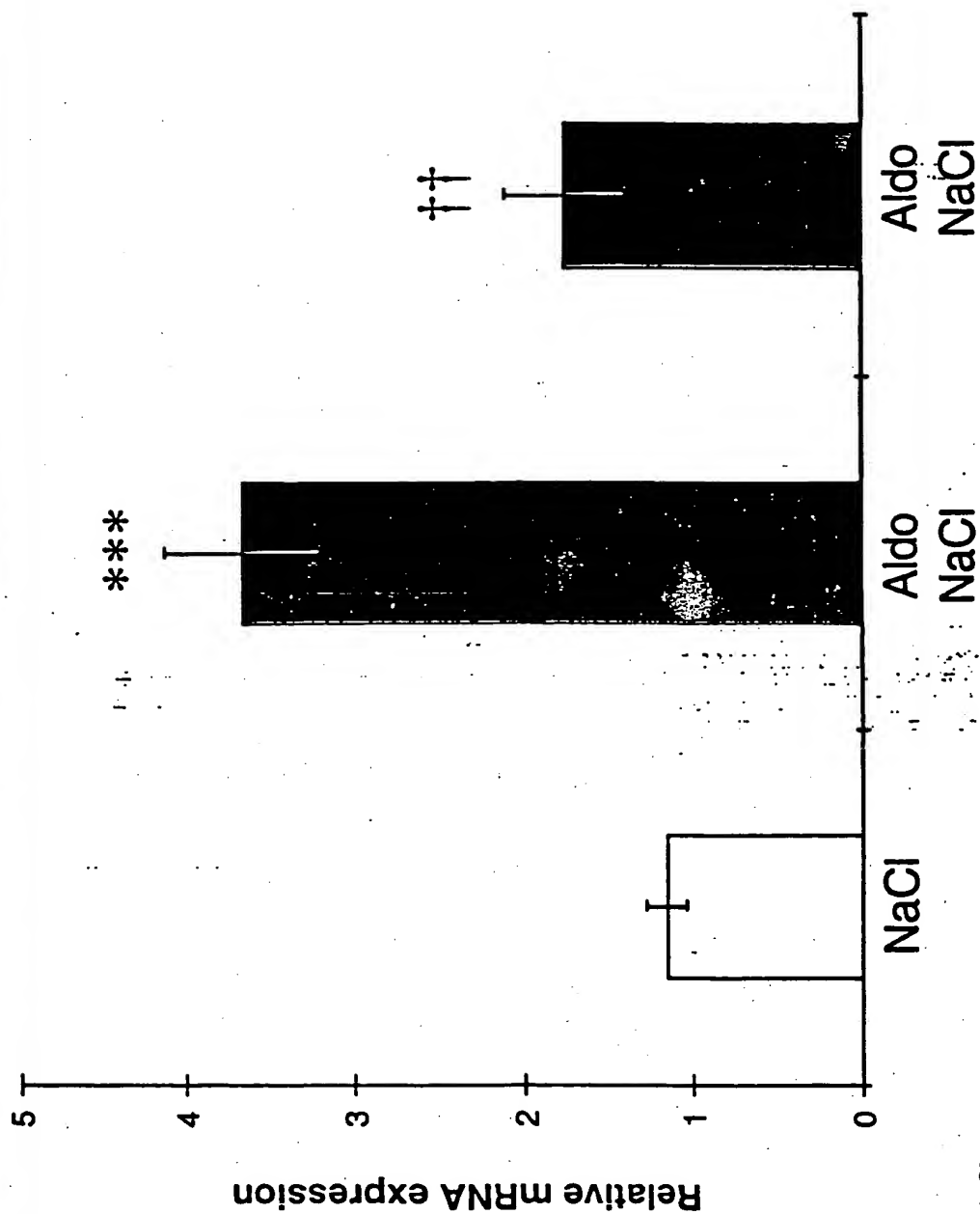
Aldosterone/Salt with
Eplerenone

FIGURE 29

Eplerenone Prevents Myocardial Osteopontin Upregulation in Aldosterone/Salt Hypertensive Rats



Eplerenone Prevents Myocardial COX-2 Upregulation in Aldosterone/Salt Hypertensive Rats



*** $P < .001$ vs NaCl

†† $P < .01$ vs Aldo/NaCl

Eplerenone

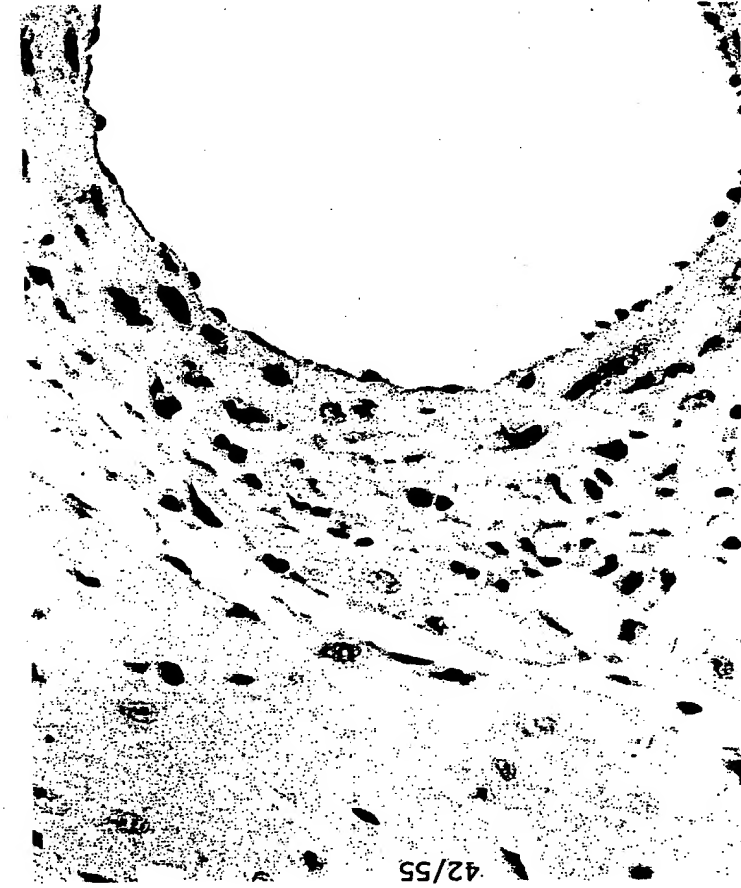
FIGURE 31

Score (0-4)

Group	Score	Significance
O	0	
A	0.5	
+	1.5	
Δ	2.0	***

NaCl
Eplerenone
FIGURE 32

COX-2 and Osteopontin are Co-Expressed in Similar Regions in the Coronary Arterial Wall



COX-2



Osteopontin

FIGURE 33

Potential Mechanisms of Aldosterone-Induced Vascular Inflammation and Injury

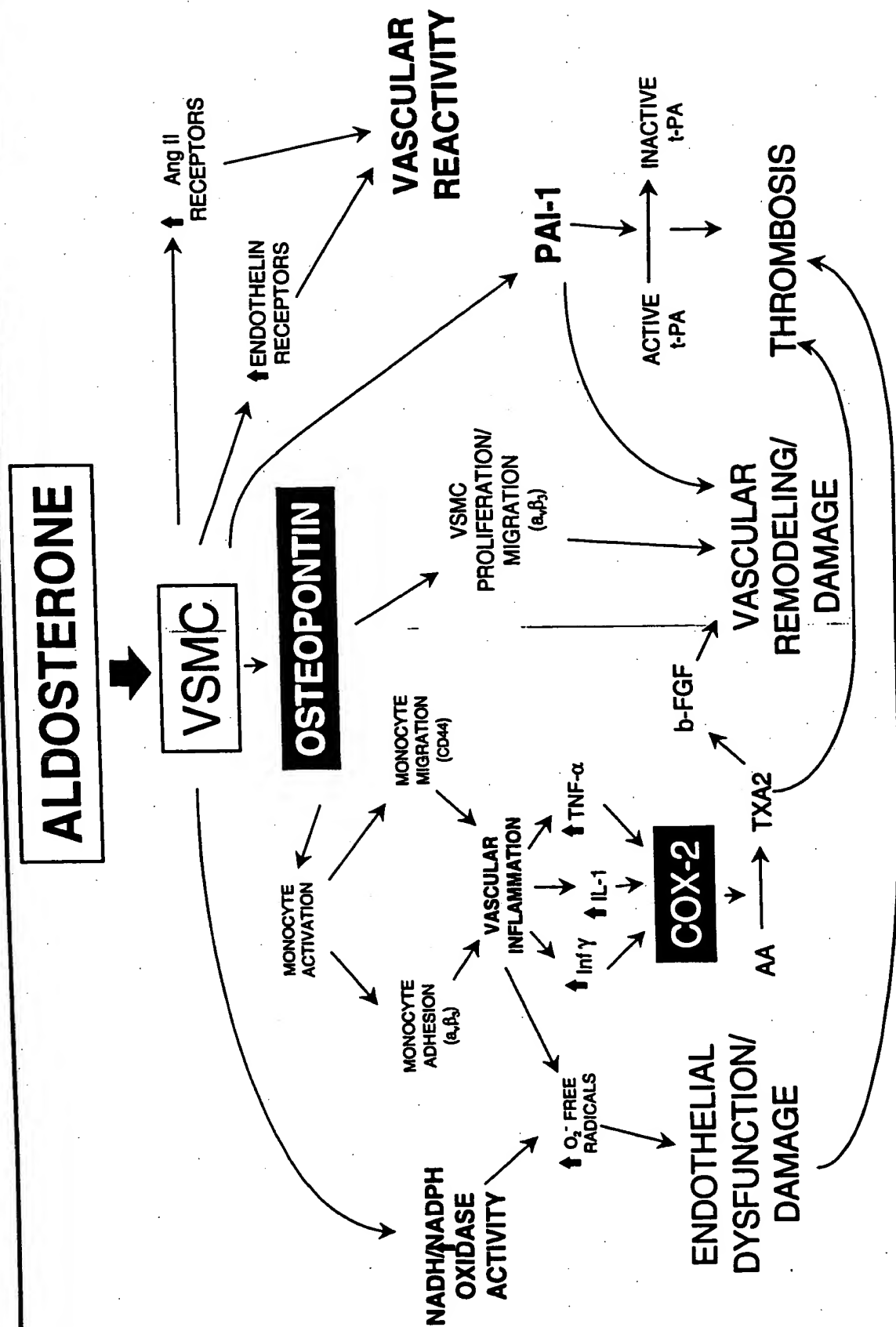
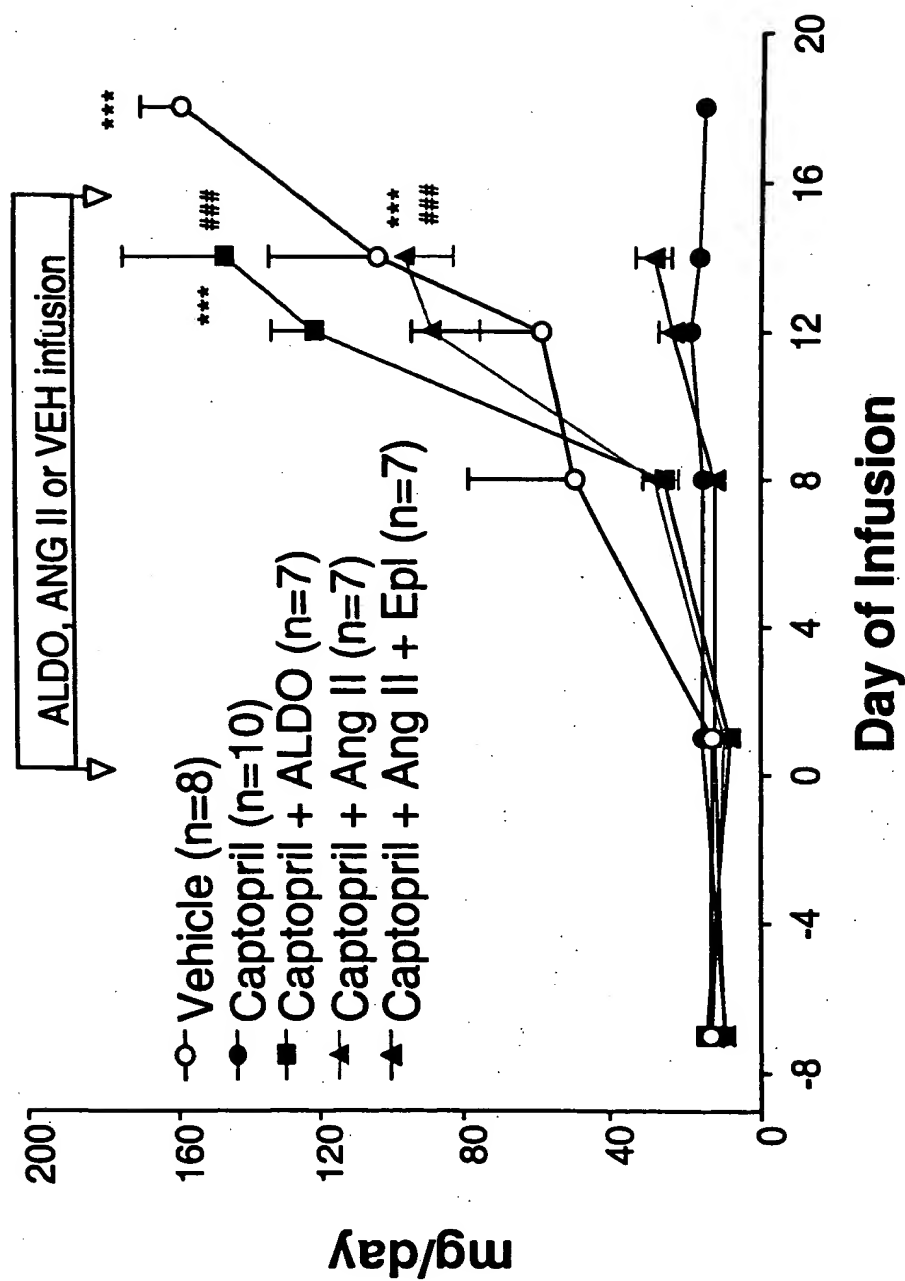


FIGURE 34

Urinary Protein Excretion in Saline-Drinking Stroke-Prone SHR



*** P<.001 vs Captopril
P<.001 vs Captopril+Ang II+Epl

FIGURE 35

Histopathologic Scores for Renal Injury in Saline-Drinking Stroke-Prone SHR

	Vehicle (n=8)	Capt (n=10)	Capt ALDO (n=7)	Capt Ang II (n=7)	Capt+Ang II+ Eplerenone (n=7)
Renal arteriopathy (lesions/100 glom.)	18±3**	0±0	15±1**	16±2**	3.6±1**, ##
Glomerular damage (lesions/100 glom.)	24±3**	0±0	26±1**	15±3**	3.2±1**, ##

* P<.001 vs Captopril

P<.001 vs Captopril & Ang II

FIGURE 36

Eplerenone Prolongs Survival and Protects Against Stroke in Saline-Drinking Stroke-Prone SHR

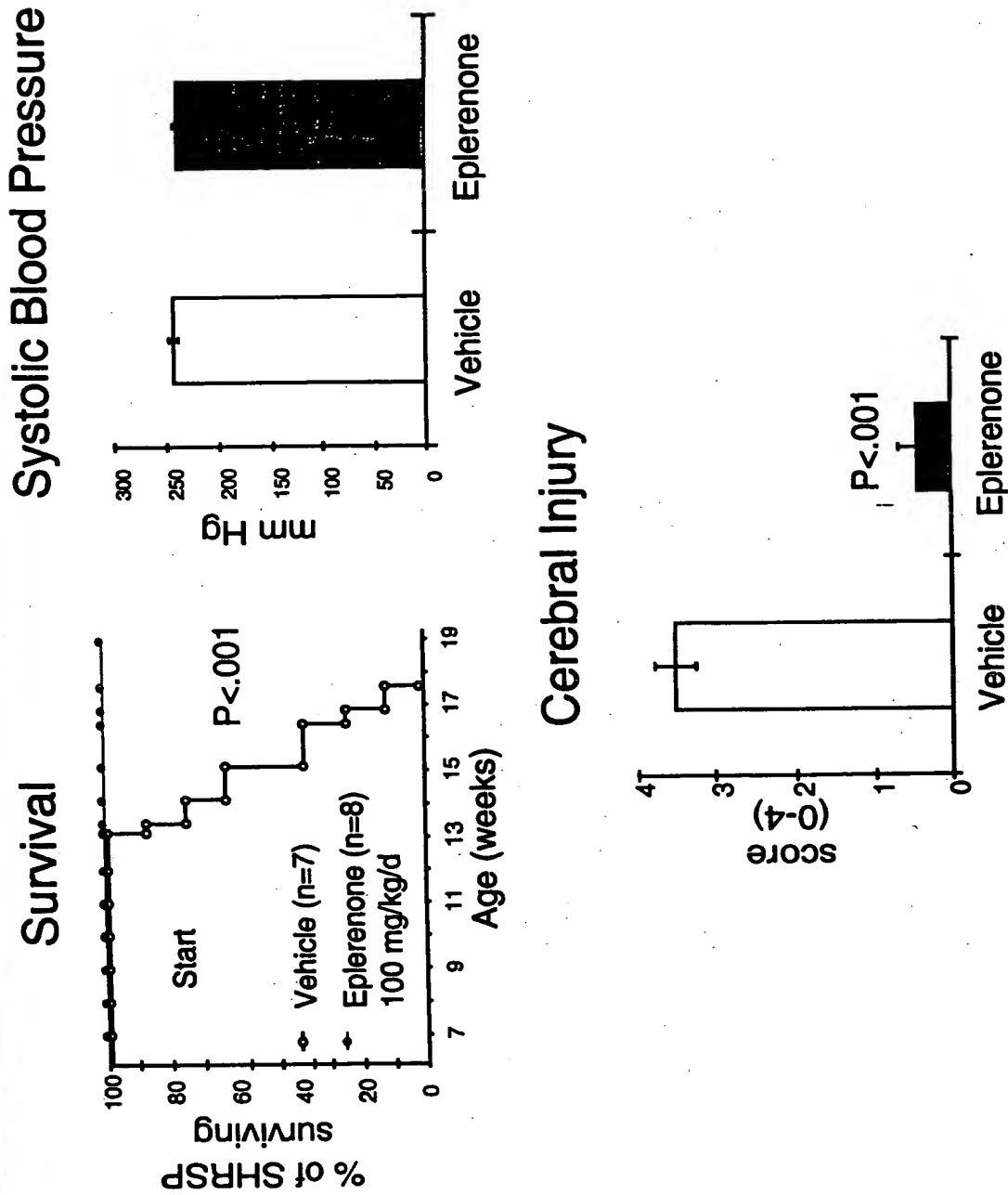
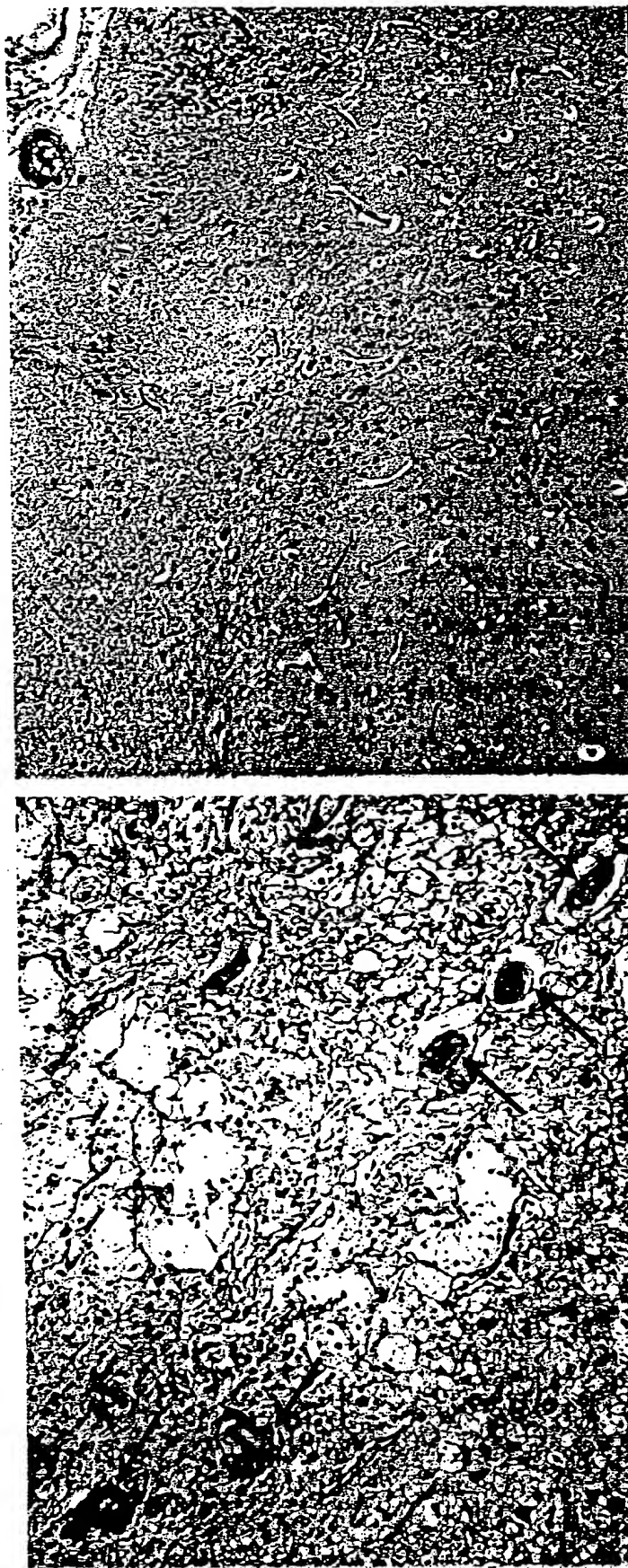


FIGURE 37

Eplerenone Protects Against Cerebral Injury in Saline-Drinking Stroke-Prone SHR



Vehicle-Treated
SHRSP

Eplerenone-Treated
SHRSP

FIGURE 38

Time-Course Expression of Myocardial COX-2 in Aldosterone-Salt Hypertensive Rats

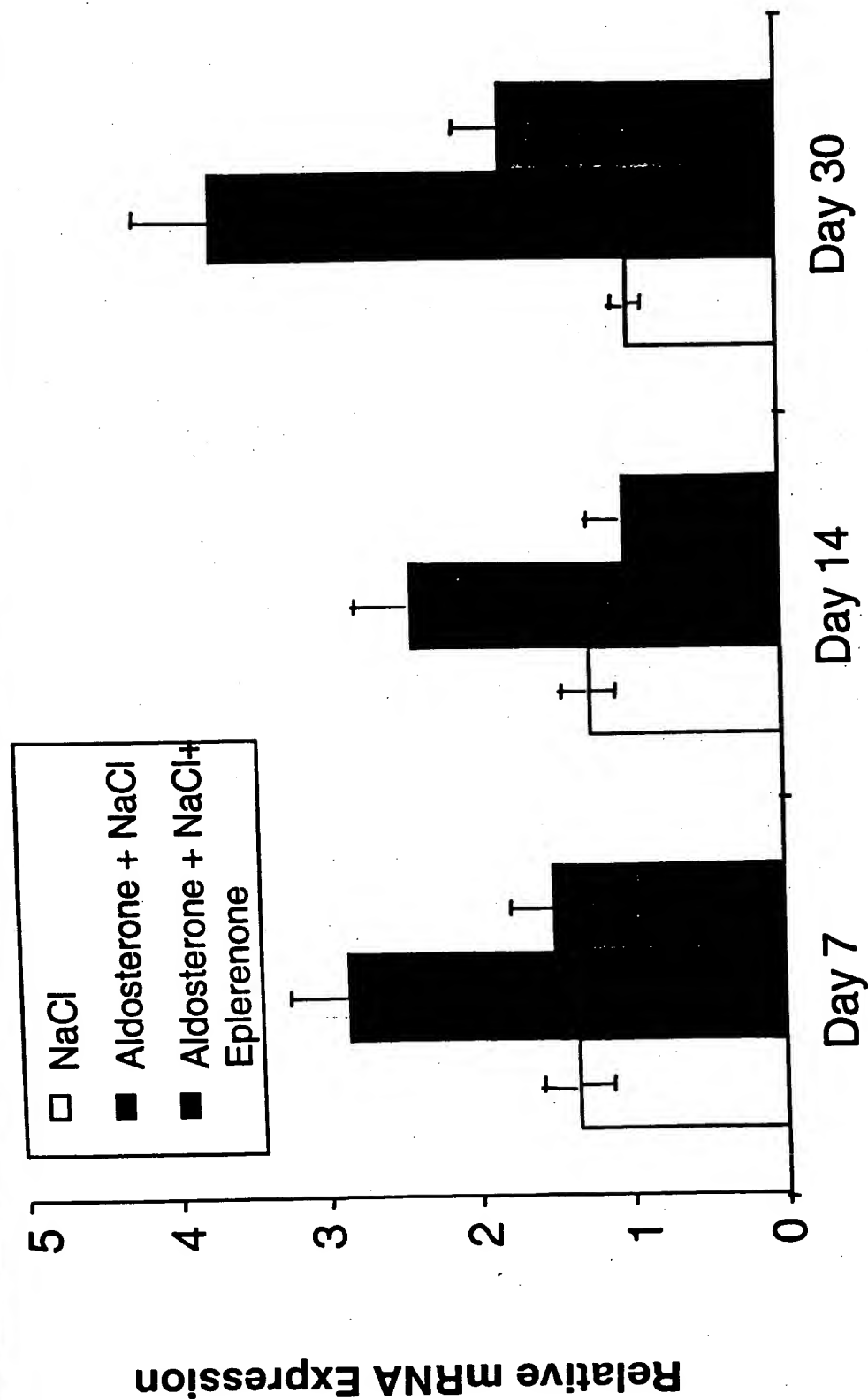


FIGURE 39

Time-Course Expression of Myocardial Osteopontin in Aldosterone-Salt Hypertensive Rats

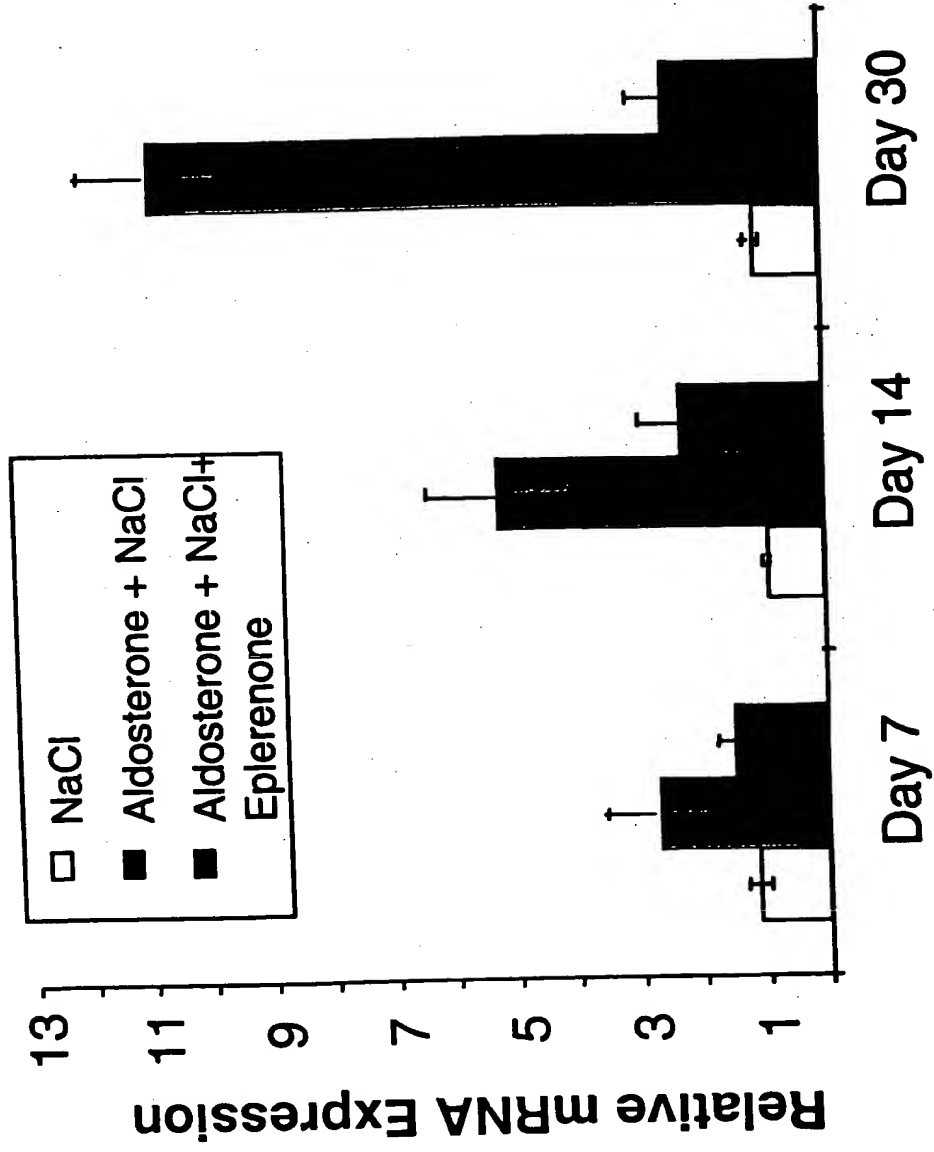


FIGURE 40

Time-Course Expression of Myocardial MCP-1 in Aldosterone-Salt Hypertensive Rats

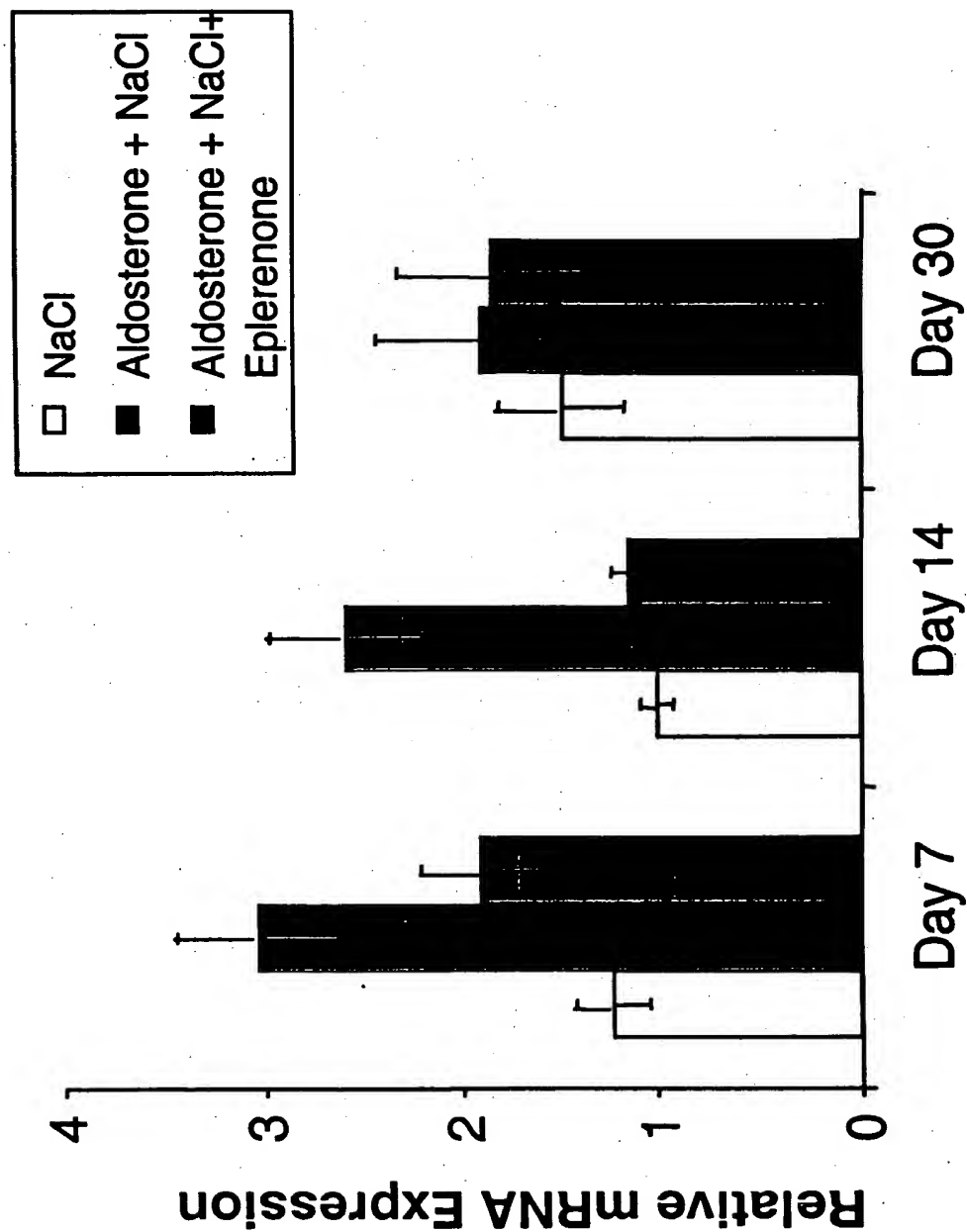


FIGURE 41

Time-Course Expression of Myocardial ICAM-1 and VCAM-1 in Aldosterone-Salt Hypertensive Rats

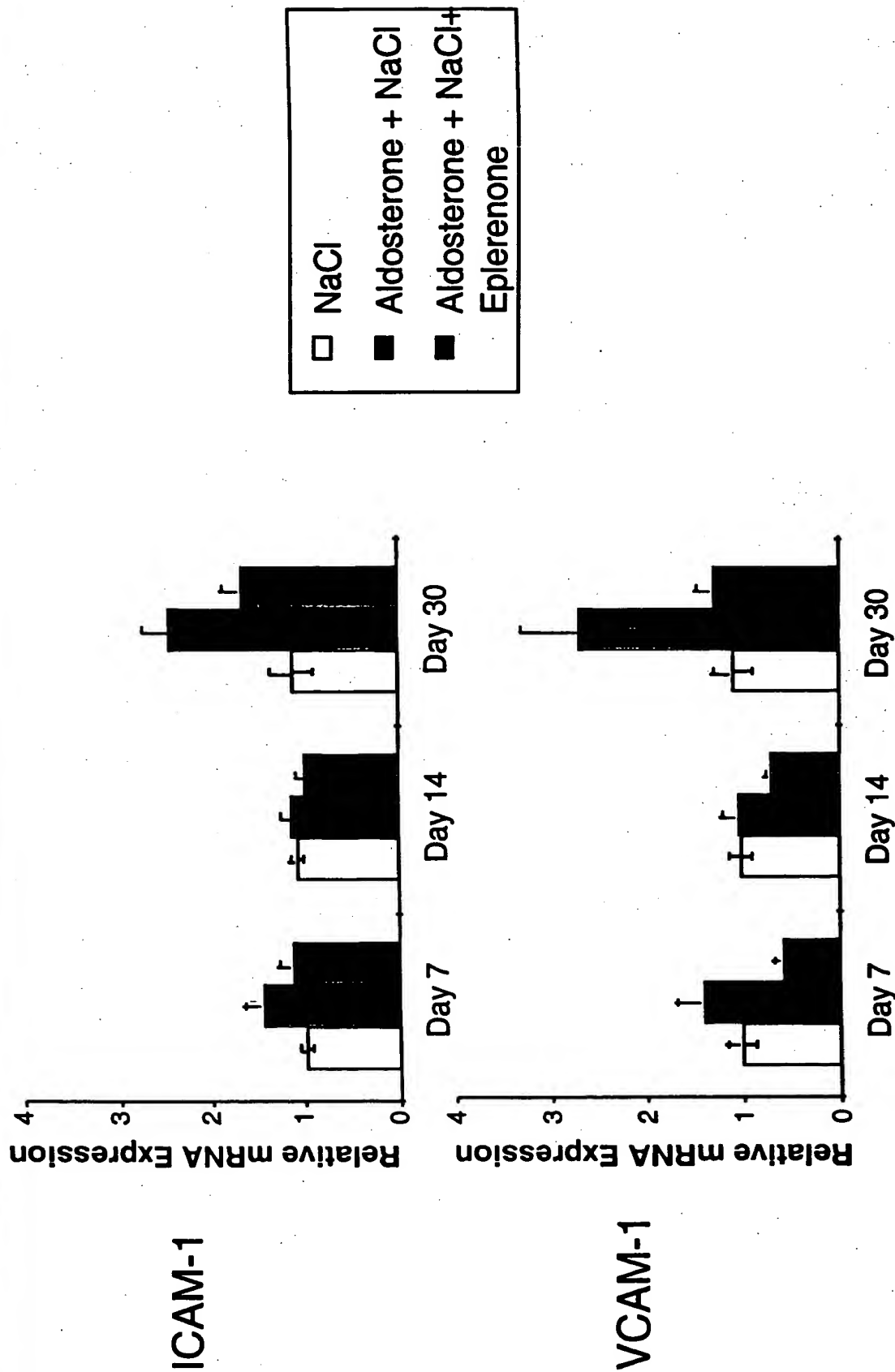


FIGURE 42

Eplerenone Reduces Systolic Blood Pressure

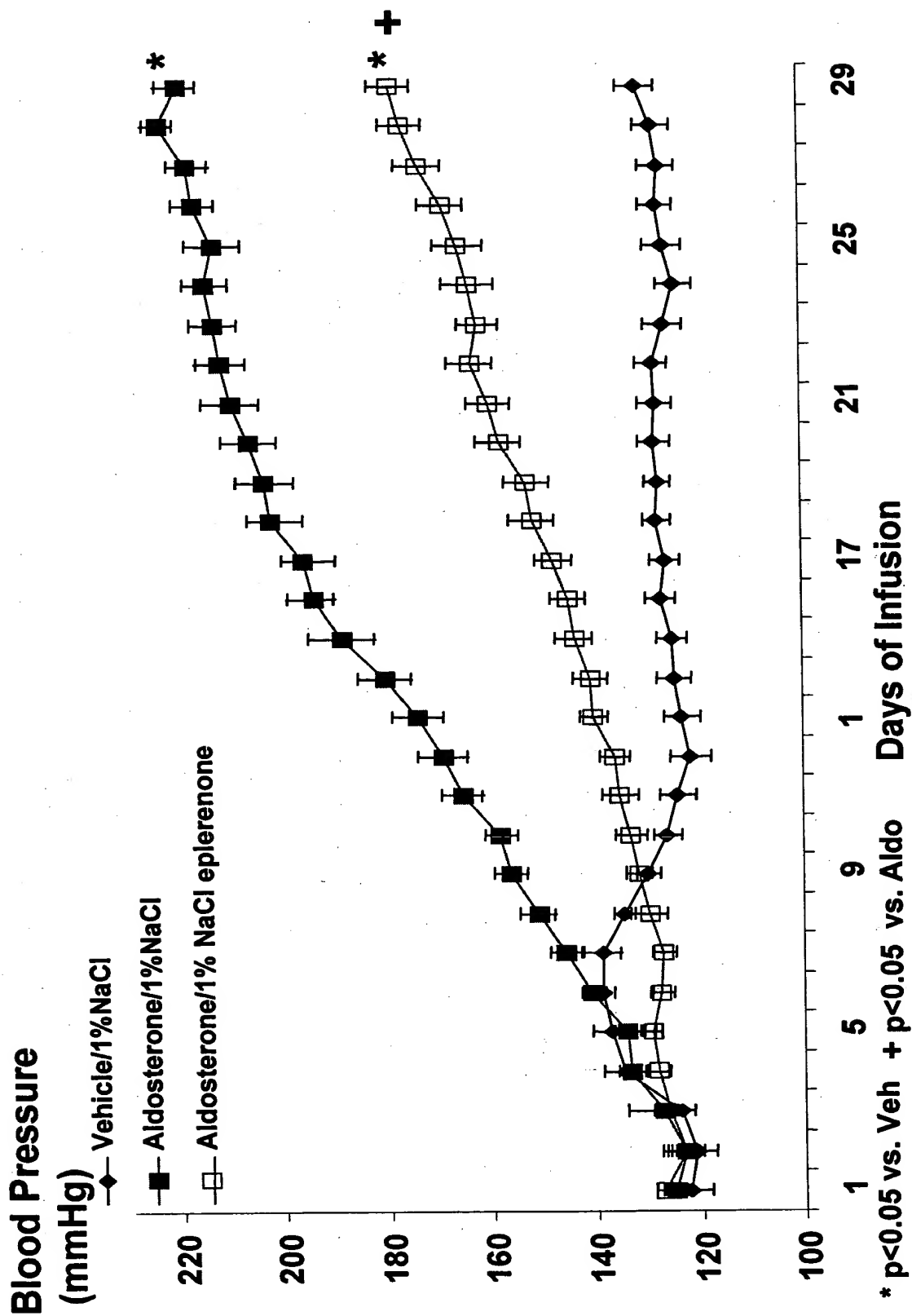
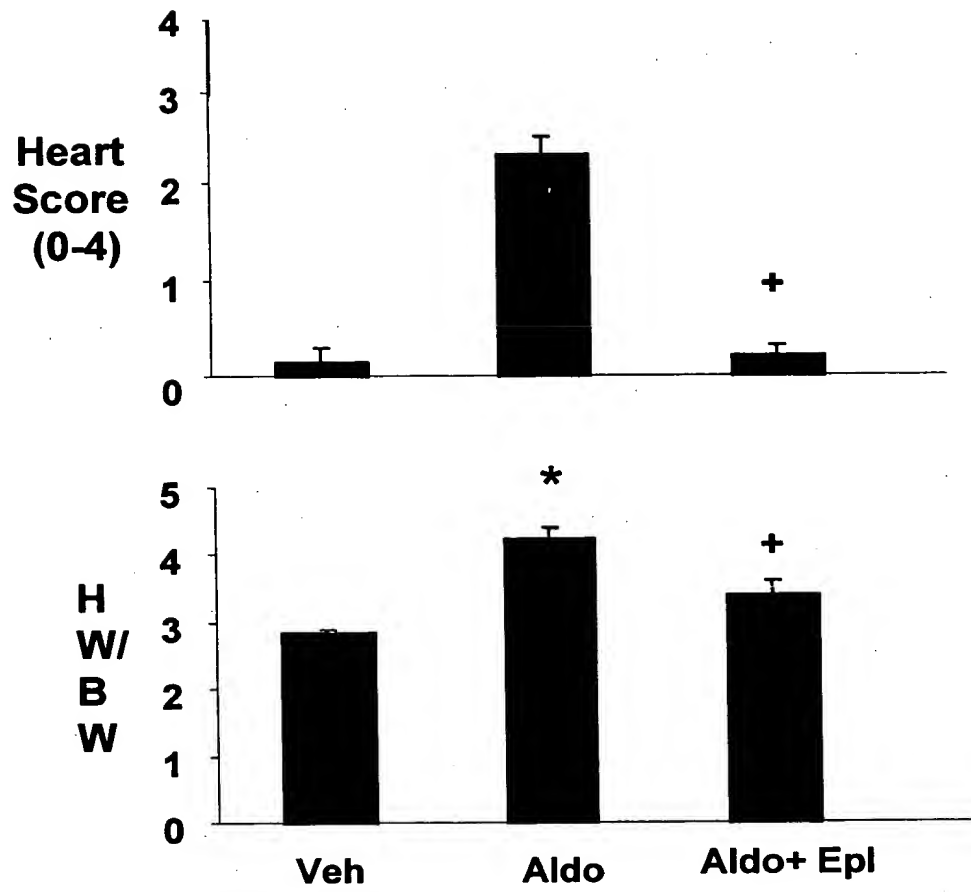


FIG. 43



* p<0.05 vs. Veh
+ p<0.05 vs. Aldo

FIG 44

28 Day Circulating Osteopontin Levels

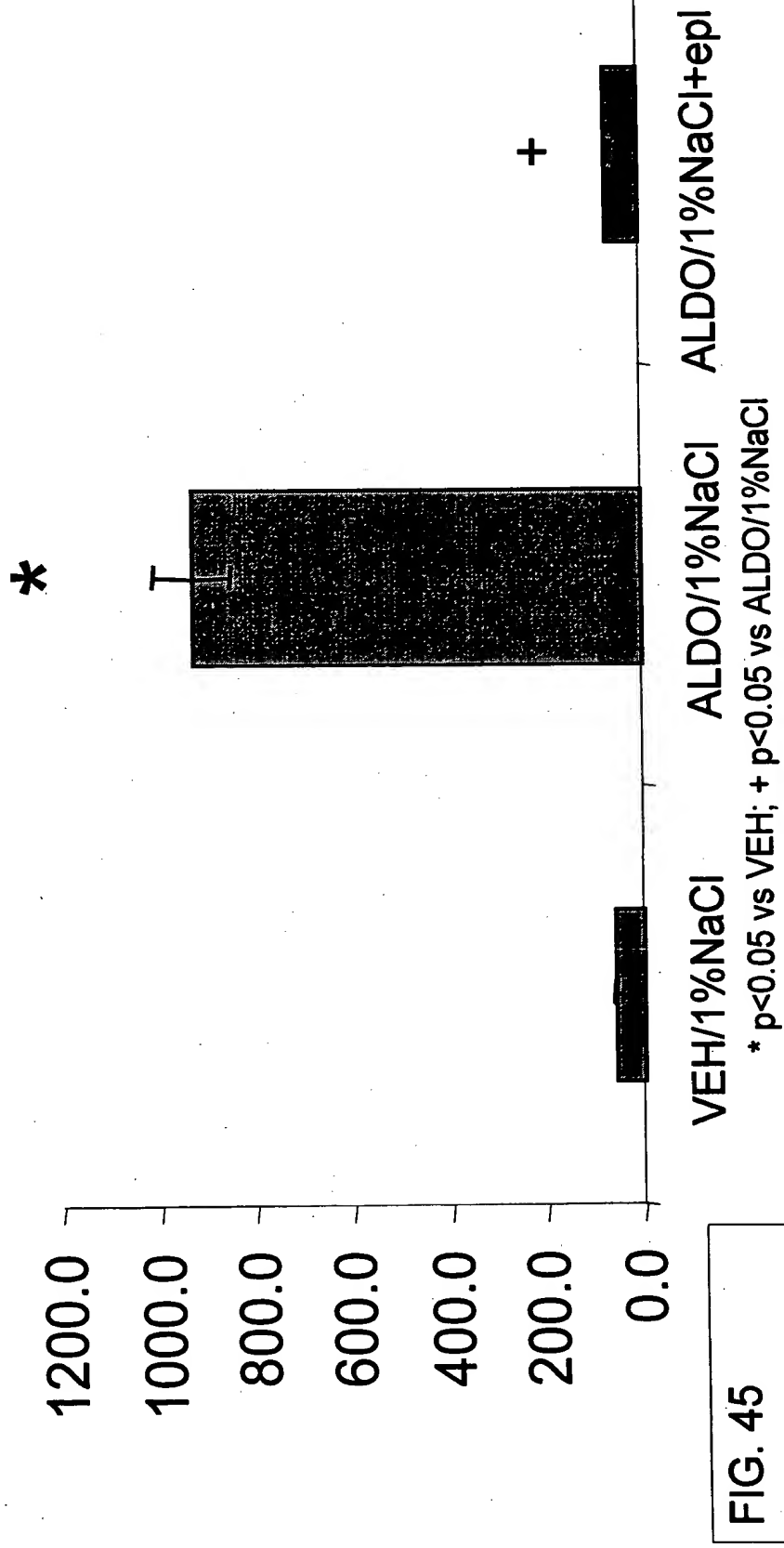
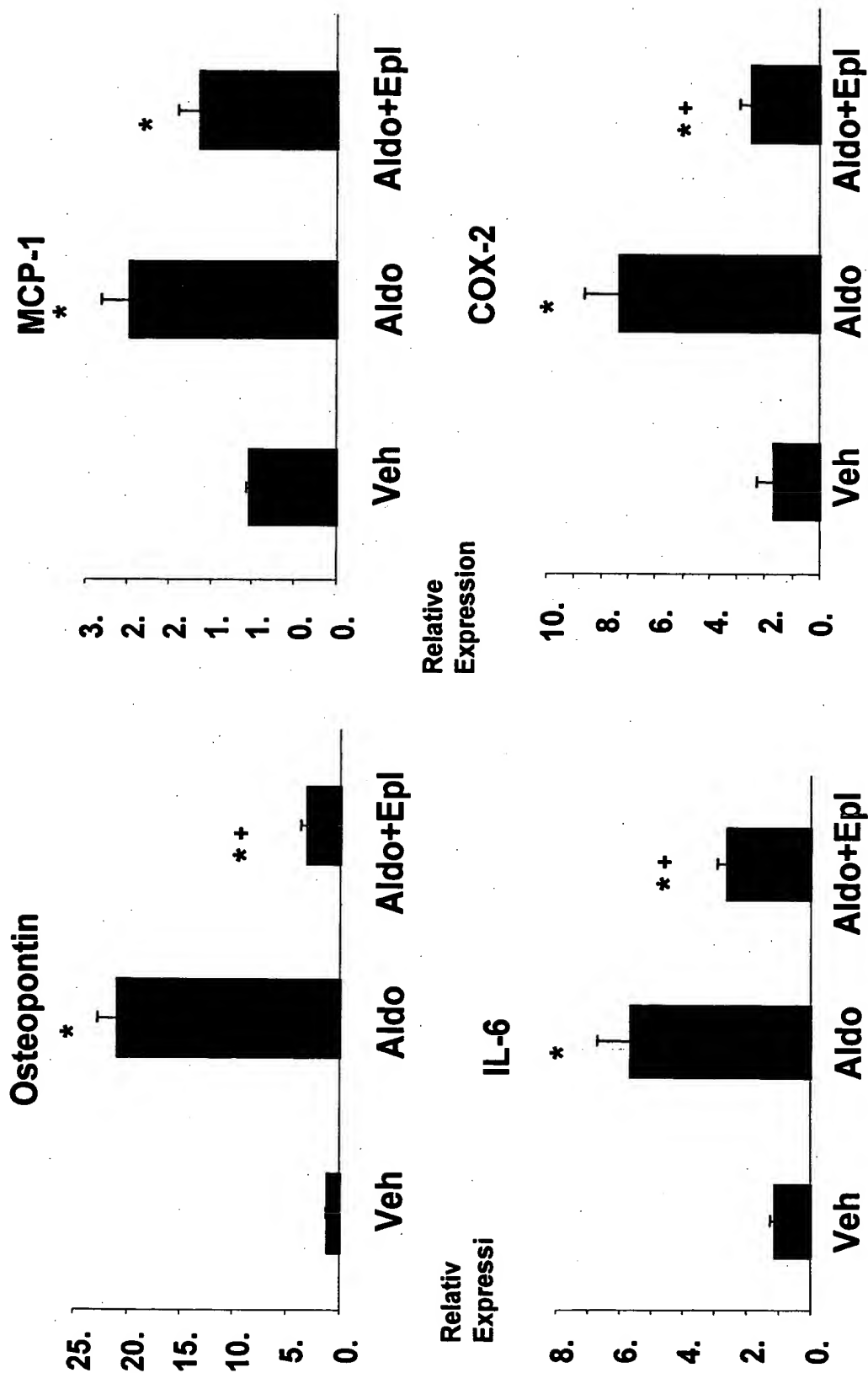


FIG. 45



* $p < 0.05$ vs. Veh + $p < 0.05$ vs. Aldo

FIG. 46